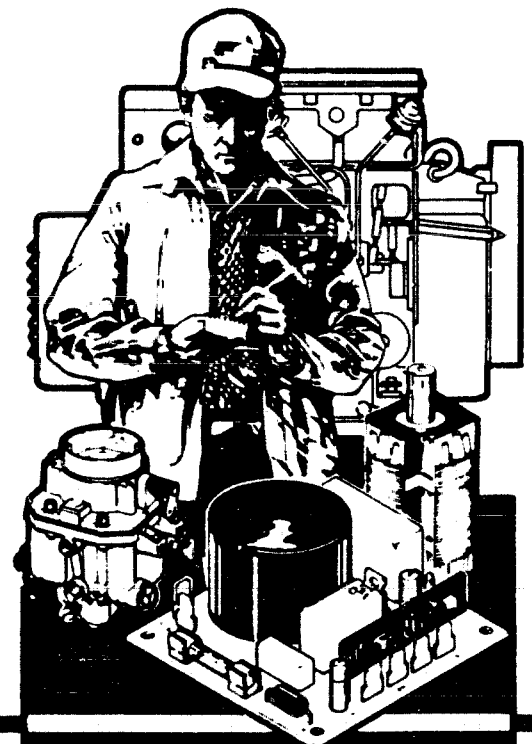


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Onan

Parts Manual NHE/NHEL Emerald III GenSet



RV Electric Generating Set

940-0227
2-91 (Spec A, C)
Replaces 10-90 (Spec A,C)
Printed in U.S.A.

Onan Service Parts

Introduction

This catalog applies to the standard NHE/NHEL Recreational Vehicle Generator Sets as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and Left sides are determined by Facing the engine (front) of the set.

Generator Set Data Table

MODEL NUMBER	WIRING DIAG. #	PART NO.	QTY.	DESCRIPTION
6.5NHE-1R/26100A	611-1174	Above Floor Mounting		
6.5NHE-1R/26100B	611-xxxx	Above Floor Mounting		
6.5NHE-1R/26100C	611-1174	Above Floor Mounting		
6.5NHE-1R/26101A	611-1174	Below Floor Mounting		
6.5NHE-1R/26101B	611-xxxx	Below Floor Mounting		
6.5NHE-1R/26101C	611-1174	Below Floor Mounting		
6.5NHEL-1R/26110A	611-1174	Above Floor Mounting		
6.5NHEL-1R/26110B		Above Floor Mounting		
6.5NHEL-1R/26110C	611-1174	Above Floor Mounting		
6.5NHEL-1R/26111A	611-1174	Below Floor Mounting		
6.5NHEL-1R/26111B		Below Floor Mounting		
6.5NHEL-1R/26111C	611-1174	Below Floor Mounting		
5.5NHE-53CR/29236B	611-xxxx	Above Floor Mounting		
5.5NHE-53CR/29237B	611-xxxx	Below Floor Mounting		
6.5NHE-3CR/30982C	611-1176	Above Floor Mounting		
		402-0602	2	Isolator, Vibration
		220-3886	1	Stator, Wound
		321-0165	1	Holder, Fuse
		220-4179	1	Housing, Stator
		98-5864	1	Decal (Emerald III)
		191-1847	1	Regulator, Voltage - 30 Ampere
		301-9966	1	Bracket, Mounting - Voltage Regulator
		338-2143	1	Harness, Wiring - PC Board
6.5NHE-3CR/30983C	611-1176	Above Floor Mounting		
		402-0602	2	Isolator, Vibration
		220-3886	1	Stator, Wound
		201-3250	1	Armature, Wound (Includes Fan, Ring Gear, Ball Bearing and Collector Ring)
		220-4180	1	Housing, Stator
		515-0142	1	Key, Extended Shaft (1/4 x 1")
		98-5713	1	Label (Warning) Rotating Shaft
		898-0780	1	Sleeving, Rotating Shaft
		520-0976	1	Stud, Armature Thru (14.9" Long)
		191-1847	1	Regulator, Voltage - 30 Ampere
		301-9966	1	Bracket, Mounting - Voltage Regulator
		338-2143	1	Harness, Wiring - PC Board

* - The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letters. The specification number denotes customer requested options or deviations from a standard (1A, 1B, etc.) model. The specification letter advances (A, to B, to C, etc.) with major manufacturing changes.

NOTE:

Components Sold As An Assembly Will Be Assembled At The Factory.

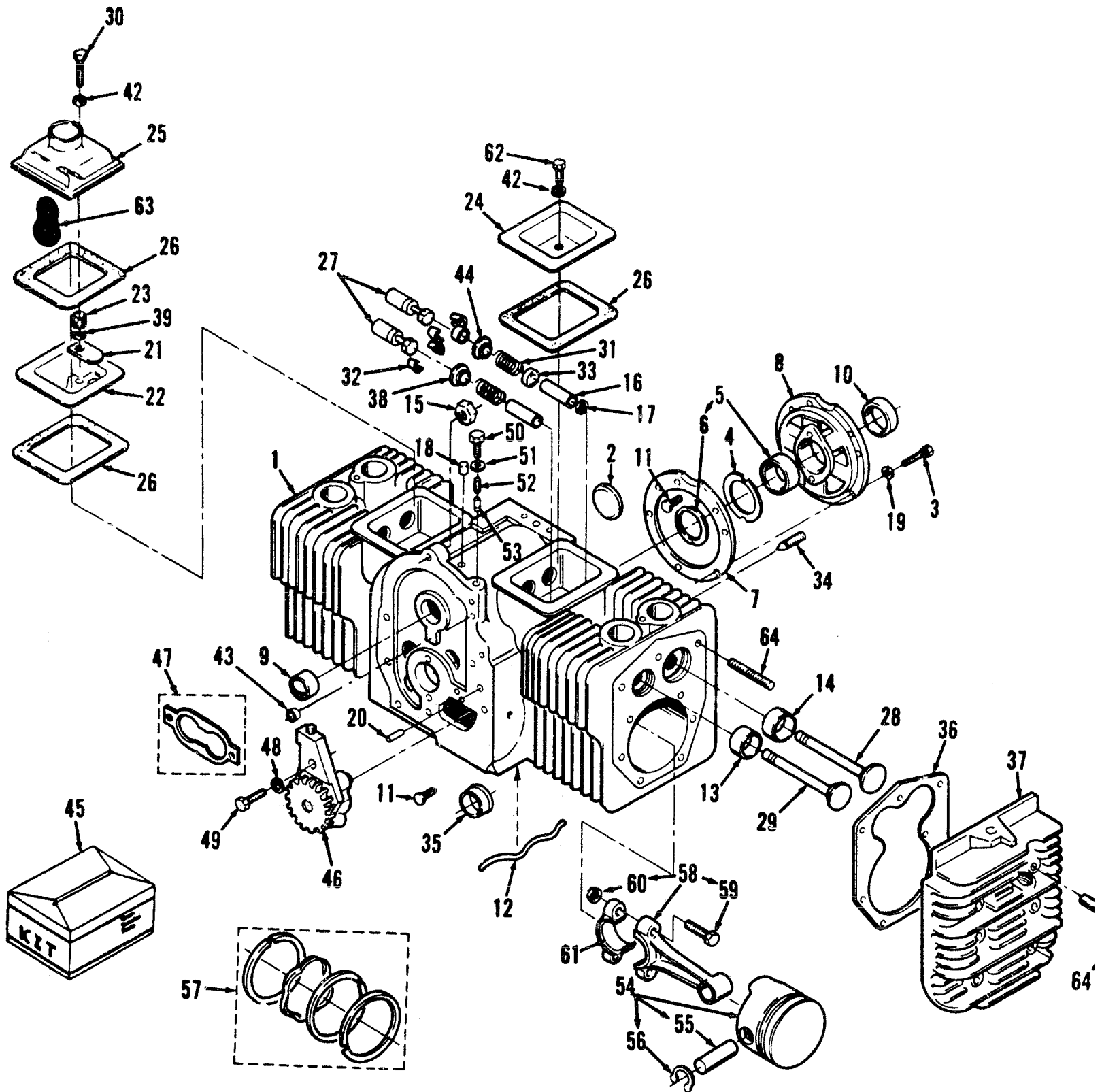
INDEX

Adapter, Air Cleaner	A14, B2	Decal	C14, D3
Adapter, Exhaust	C10	Drain Filter - Oil	A10
Adapter, Filter - Oil	A10	Elbow, Male - Inverted	A14
Adapter, Generator	C12	Elbow Reducing - 90 degree	B2
Adapter, Preheater	A14	Elbow, Street - 45 degree	A10
Arm and Shaft, Governor	A9	Element and Cover - Choke	A14
Armature, Generator - Wound	C12	Element, Air Cleaner	A14,
		Element, Filter - Fuel	B2
		Exhaust System	C8
Backplate, Scroll	C2	Fan and Gear, Armature	C12
Baffle, Preheater	A14	Filter, Breather Tube	A6
Ball, Bearing	A9	Filter, LPG	B2
Ball, Fly - Governor	A8	Filter, Oil	A10
Base, Breaker	B9	Fitting, Vacuum	A14
Base, Oil	A12	Flywheel	A6
Bearing, Ball - Generator	C12	Fuse	C14
Bearing, Needle	A6	Gasket, Adapter - Oil Filter	A10
Bearing, Rod - Connecting	A6	Gasket, Base - Oil Filter	A12
Bearing, Sleeve	A6	Gasket, Bearing Plate	A6
Bi-Metal, Choke	A14	Gasket, Breaker Box	B8, B
Block, Cylinder	A6	Gasket, Carburetor Mounting	A14,
Block, Generator	C12	Gasket, Cylinder Head	A6
Block, Terminal - Generator	C12	Gasket, Drain - Oil	A12
Board, Printed Circuit	C14	Gasket, Exhaust	C8, C
Bolt, Place - Connecting	A6	Gasket, Gearcase	A9
Bowel, Fuel	B6, B7	Gasket, Horn - Air	A14, B
Box, Breaker	B8, B9	Gasket, Manifold - Exhaust	C8, C
Brace, Housing - Side and Rear	C3	Gasket, Manifold - Intake	A14,
Bracket, Exhaust	C8, C10	Gasket, Oil Base	A12
Bracket, Governor	B10	Gasket, Valve Cover	A6
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Bracket, Line - Fuel	B2	Gear, Camshaft	A8
Bracket, Mounting - Diaphragm	A14	Gear, Crankshaft	A7
Bracket, Mounting - Filter	B2	Gearcase	A9
Bracket, Mounting - Housing	A14	Governor	B10
Bracket, Muffler	C8	Grommet, Rubber	C3
Bracket, Relay	B2	Guard, Breaker - Circuit	C14
Breaker, Circuit	C14	Guard, Scroll	C2
Brush, Generator	C12	Guide, Valve	A6
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Cable, Spark Plug	B8	Hanger, Exhaust	C8, C
Camshaft	A8	Harness, Wiring	D1
Cap, Oil Fill	A12	Harness, Wiring - Control	C14
Cap, Roto-Valve	A6	Harness, Wiring - Remote	D2
Cap, Vinyl	A14	Head, Cylinder	A6
Carburetor	A14, B2, B5, B6, B7	Holder, Fuse	C14
Clamp, Coil	B8	Hose, Fuel	B2
Clamp, Hose	A14, B2	Hose, Preheat	A14
Clamp, Muffler	C8, C10	Hose, Vacuum	A14
Clamp, Strator	C12	Housing	C3
Clamp, Wrap - Tie	C12	Housing, Air	C2
Clip	A14	Housing, Air Cleaner	A14,
Clip, Hose - Preheater	A14	Housing, Choke	A14
Clip, Retaining - Governor Rod	B10	Housing, Connector	D2
Clip, U - Diaphragm Mounting Bracket	A14	Housing, Socket	C14
Coil, Ignition	B8	Housing, Stator	C12
Components, Carburetor	B5, B6, B7	Housing, Harness - Wiring	D1
Condenser, Ignition	B8, B9	Hub, Governor	A8
Condenser, Ignition - Remote	C12		
Connector, Tab	C12	Insert, Valve Seat	A6
Control	C14	Insulator, Fuse	C14
Control, Start - Remote	C5	Insulator, Terminal - Start	Solenc
Cover, Box - Circuit Breaker	B9	Isolator, Vibration	A12
Cover, Breather	A6		
Cover, Brush - Block	C12	Joint, Ball	B10
Cover, Control	C14		
Cover, Housing - Choke	A14	Key, Crankshaft	A7
Cover, Inlet - Air	A14	Key, Woodruff	A8
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Cover, Valve,	A6	Kit, Key - Blower Wheel	A7
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		Seal, Oil - Governor Shaft	A9
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Muffler, Spark Arrestor	C8, C10	Snubber, Mounting - Shock	A12
		Solenoid, Start	C14
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		Spacer, Muffler	C8
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		Spring, Bypass	A14
Paint, Touch-Up - Enamel	D3	Spring, Generator Brush	C12
Pan, Breather	A6	Spring, Governor	B10
Pan, Drip	C3	Spring, Needle	A9
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Panel, Housing	C3	Spring, Valve - Breather	A6
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Pin, Contact	C14	Starter Components	B13
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Pin, Hinge	C3	Strap, Muffler	C8
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Piston and Pin	A6	Switch, Oil Pressure	A10
Plate, Hinge	C3	Switch, Rocker - Control	C14
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Plug, Dot Button	C2	System, Fuel - Gasoline	A14
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Plug, Vacuum Port	A6	Tab, Terminal	C14
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		Tie, Cable	B11, C6, C12, D2
Receptacle	C14	Transformer, Regulator	C6
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Rectifier, Harness - Wiring	D1	Tube, Exhaust	C8
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Ring, Piston	A6	Yoke, Governor	A9

Cylinder Block



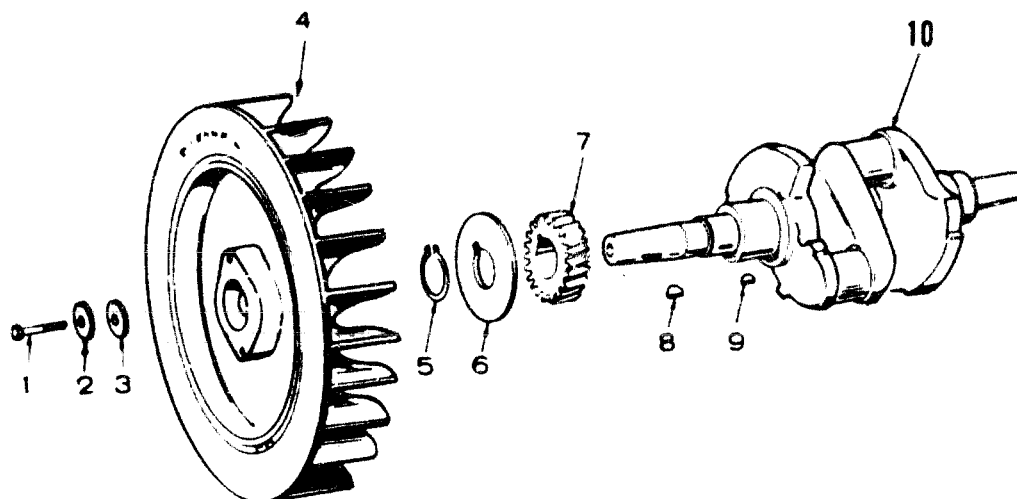
Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-3533	1	Block, Cylinder (Includes Parts Marked *)	37	110-3549	2	Head, Cylinder
2	517-0048	1	*Plug, Welch - Camshaft Opening (1-5/8")	38	110-0904	2	Cap, Roto - Valve
3	102-0455	5	*Screw, Cap - Hex Head (Special)		110-0904	4	Exhaust - NHE
4	104-0776	AR	*Shim, Crankshaft (.005")	39	526-0018	1	Intake/Exhaust - NHEL
5			Bearing, Crankshaft (Includes Thrust Washer)	42	526-0018	2	Washer, Flat (1/4" Screw)
	101-0450	1	* Standard				Washer, Flat - Copper
	101-0450-02	1	.002" Undersize	43	517-0067	1	(1/4" Screw)
	101-0450-10	1	.010" Undersize	44	110-0893	2	Plug, Core Hole
	101-0450-20	1	.020" Undersize				Washer, Intake Valve -
	101-0450-30	1	.030" Undersize	45			Spring Retainer (Special)
6	104-0575	1	*Washer, Thrust (Special)		168-0190	1	NHE
7	101-0782	1	*Gasket, Bearing Plate		168-0193	1	Kit, Gasket
8	101-0439	1	*Plate, Bearing - Rear	46	120-0491	1	Carbon Removal/Valve Grind
9	101-0405	2	*Bearing, Camshaft				Engine, Complete
10	509-0041	1	Seal, Oil - Crankshaft Rear	47	120-0161	1	Pump, Oil (Components Not
11	516-0072	2	*Pin, Drive - Bearing Stop	48	850-0040	2	Sold Separately)
12	120-0680	1	*Tube, Oil - Cylinder Block	49	800-0007	2	Gasket, Kit - Oil Pump
13			Insert, Valve Seat - Exhaust	50			Washer, Lock - Spring (1/4")
	110-1716	2	* Standard		801-0050	1	Screw, Cap - Hex Head
	110-1716-02	2	.002" Oversize		801-0049	1	(3/8-24 x 1") Spec A
	110-1716-05	2	.005" Oversize	51	526-0066	1	(3/8-24 x 7/8") Begin Spec
	110-1716-10	2	.010" Oversize				Washer, Flat - Copper
	110-1716-25	2	.025" Oversize	52	120-0140	1	(3/8" Screw)
14	110-3461	2	Insert, Valve Seat - Intake	53	120-0398	1	Spring, Bypass Valve
			- Standard	54			Plunger, Bypass Valve
15	870-0257	1	Nut, Hex - Self-Locking		112-0228	2	Piston (Includes Pin and
			Governor Bracket (5/16-18)		112-0228-05	2	Retaining Rings)
16			*Guide, Valve		112-0228-10	2	Standard
	110-3167	2	Exhaust		112-0228-20	2	.005" Oversize
	110-3168	2	Intake		112-0228-30	2	.010" Oversize
17	110-0068	2	*Gasket, Intake Valve Guide				.020" Oversize
18	517-0103	1	*Plug, Vacuum Port	55	112-0069	2	.030" Oversize
19	850-0050	5	*Washer, Lock - Spring (3/8")	56	518-0294	4	Pin, Piston
20	516-0141	2	*Pin, Alignment - Gear Cover	57			Ring, Retaining
21	123-1175	1	Reed, Breather Valve		113-0203	2	Kit, Ring - Piston
22	123-1653	1	Pan, Breather		113-0203-05	2	Standard
23	123-1174	1	Spring, Breather Valve		113-0203-10	2	.005" Oversize
24	110-1624-01	1	Cover, Valve - RH		113-0203-20	2	.010" Oversize
25	123-1654	1	Cover, Breather		113-0203-30	2	.020" Oversize
26	110-3575	3	Gasket, Valve Cover	58	114-0203	2	.030" Oversize
27			Tappet, Valve				Rod, Connecting
	115-0006	4	Standard	59	805-0010	4	(Includes Bolt and Nut)
	115-0006-02	4	.002" Oversize				Bolt, Place - Connecting
	115-0006-05	4	.005" Oversize	60	870-0302	4	Rod (Special)
28	110-1718	2	Valve, Intake				Nut, Self-Locking
29			Valve, Exhaust	61			(5/16-24)
	110-1719	2	Spec A		114-0188	4	Bearing, Half - Connecting
	110-1761	2	Begin Spec C		114-0188-02	4	Rod
30	800-0013	1	Screw, Cap - Hex Head (1/4-20 x 2-1/2")		114-0188-10	4	Standard
31	110-0539	4	Spring, Valve		114-0188-20	4	.002" Undersize
32	110-0639	8	Lock, Valve Spring		114-0188-30	4	.010" Undersize
33	110-3604	2	Seal, Oil - Intake Valve	62	800-0011	1	.020" Undersize
34	803-0071	2	Screw, Socket - Set (3/8-16 x 5/8")	63			.030" Undersize
35			Bearing, Sleeve - Flanged		123-1417	1	Screw, Cap - Hex Head
	101-0432	1	* Standard		123-1871	1	(1/4-20 x 2")
	101-0432-02	1	.002" Undersize				Filter, Breather Tube -
	101-0432-10	1	.010" Undersize	64	800-0590	20	Gasoline
	101-0432-20	1	.020" Undersize				LP Liquid Models
	101-0432-30	1	.030" Undersize				Gasoline Models
36	110-2987	2	Gasket, Cylinder Head - Graphoil				Screw, Cap - Hex Head -
							GR8 Special (3/8-15 x 2.1)

* - Parts Included in 110-3533 Cylinder Block.

5600-000
5600-001
5610-000

Crankshaft And Flywheel

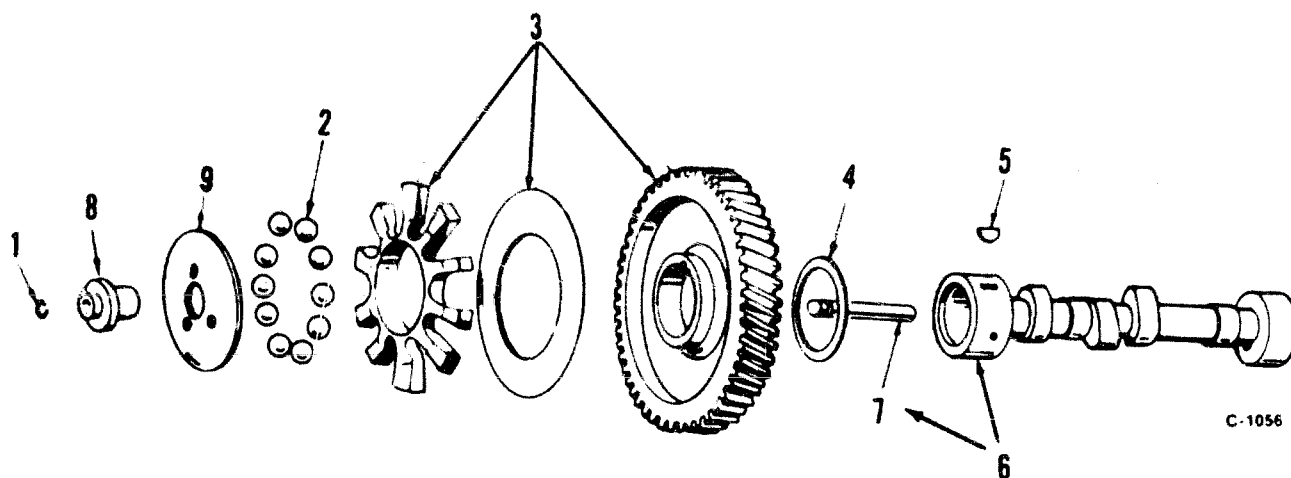


CT-1084

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	104-0170	1	Screw, Cap - Hex Head (Special)	6	104-0043	1	Washer, Gear
2	526-0356	1	Washer, Flat (7/16")	7	104-0032	1	Gear, Crankshaft
3	526-0017	1	Washer, Flat (7/16" Screw)	8	515-0227	1	Kit, Key - Blower Wheel
4	134-4342	1	Flywheel, (Blower)	9	515-0001	1	Key, Crankshaft Gear
5	518-0014	1	Ring, Retaining	10	104-1584	1	Crankshaft

5600-0006
5600-0025
5610-0003
5610-0019

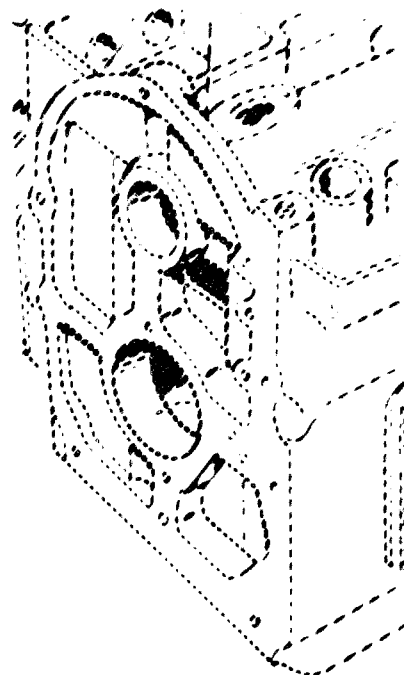
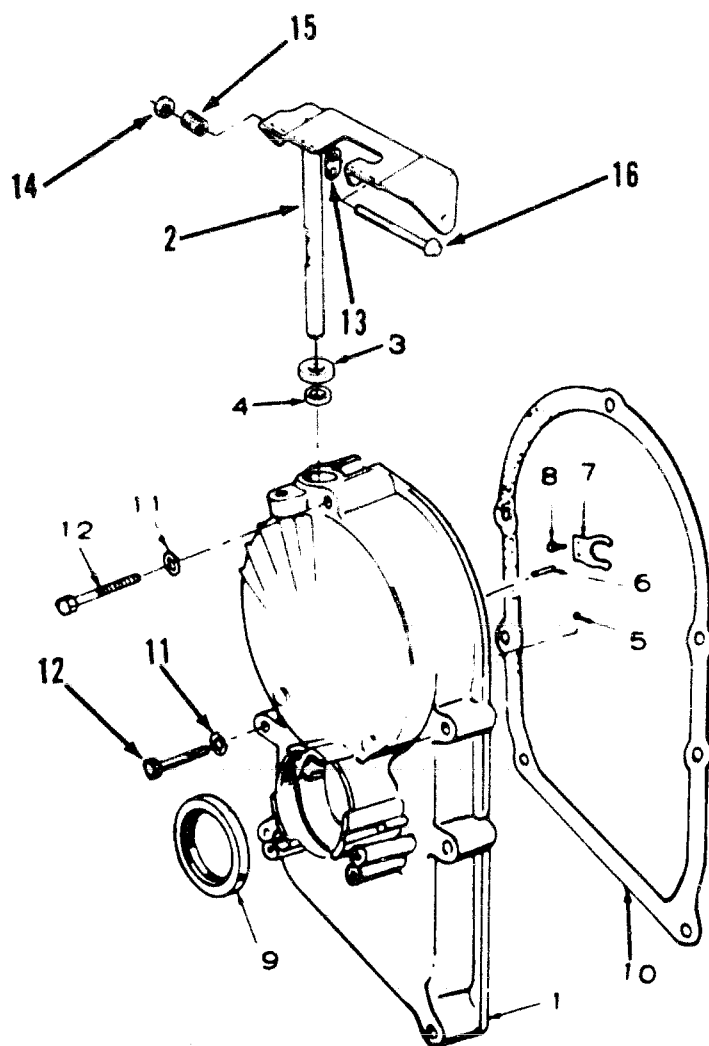
Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Retaining	5	515-0001	1	Key, Woodruff
2	510-0015	10	Ball, Governor	6	105-0638	1	Camshaft (Includes Center Pin)
3	105-0332	1	Gear, Camshaft (Includes Flyball Plate And Spacer)	7	150-0075	1	Pin, Center - Camshaft
4	105-0541	1	Washer, Thrust	8	150-1519	1	Hub, Governor Cup
				9	150-1520	1	Cup And Bushing, Governor

Gearcase

5600-0005



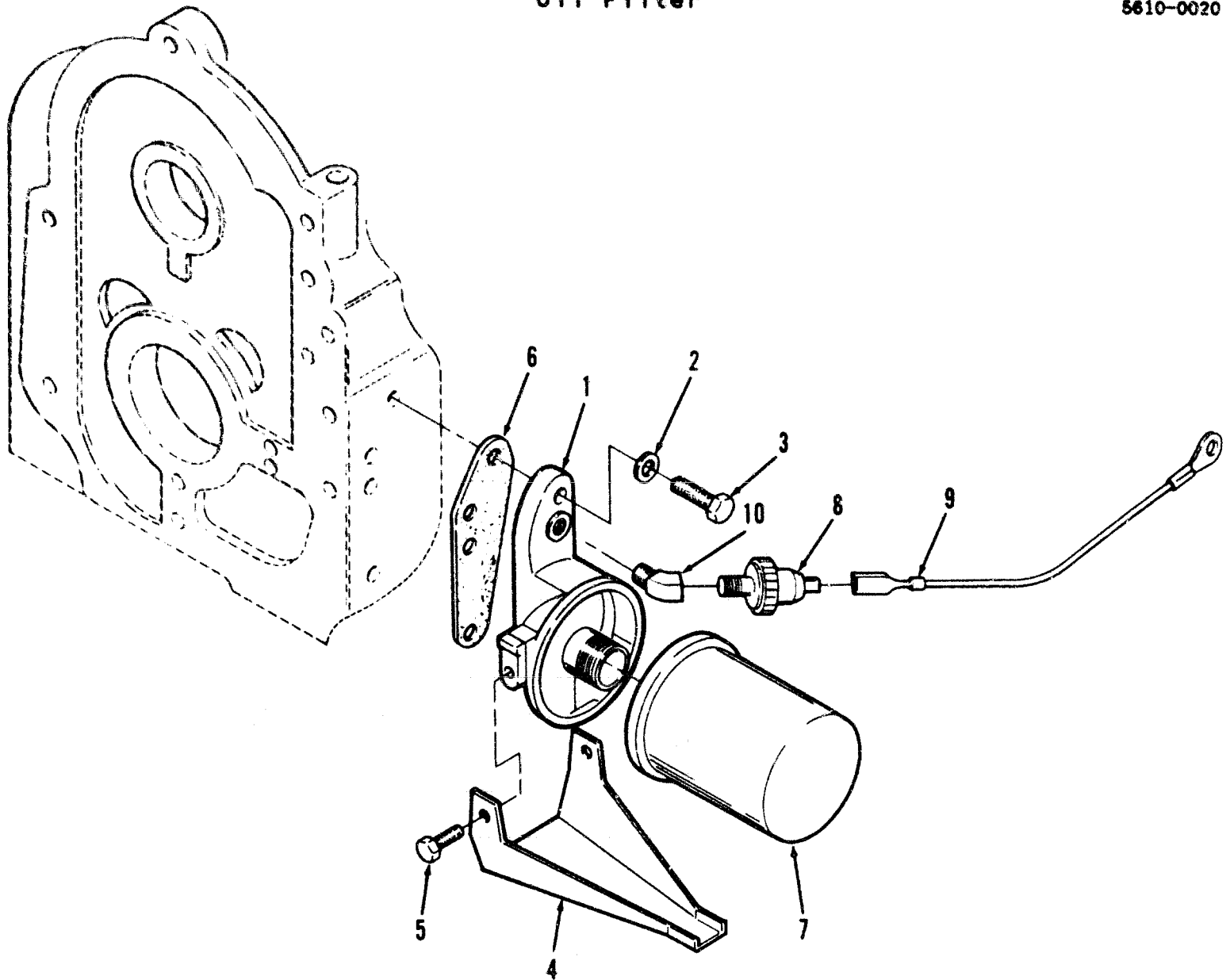
FS-1596

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0772	1	Gearcase(Kit) (Includes Parts Marked*)	10	103-0810	1	Gasket, Gearcase Mounting
2	150-2002	1	*Arm And Shaft, Governor	11	526-0065	5	Washer, Flat - Copper (5/16" Screw)
3	509-0008	1	*Seal, Oil - Governor Shaft	12			Screw, Cap - Hex Head (Special)
4	510-0013	1	*Bearing, Needle		114-0022	4	1-3/4" Long
5	510-0014	1	*Ball, Bearing		800-0545	1	2-3/4" Long
6	516-0130	1	*Pin, Dowel - Governor Cup Stop	13	150-1998	1	*Link, Governor Spring
7	150-1187	1	*Yoke, Governor	14	870-0328	1	*Nut, Self-Lock (10-32")
8	815-C046	2	*Screw, Machine - Pan Head (8-32 x 3/8")	15	141-0710	1	*Spring, Idle Needle
9	509-0040	1	*Seal, Oil - Crankshaft	16	820-1077	1	*Screw, Pan Head (10-32x2-1/2")

* - Parts Included In 103-0772 Gearcase.

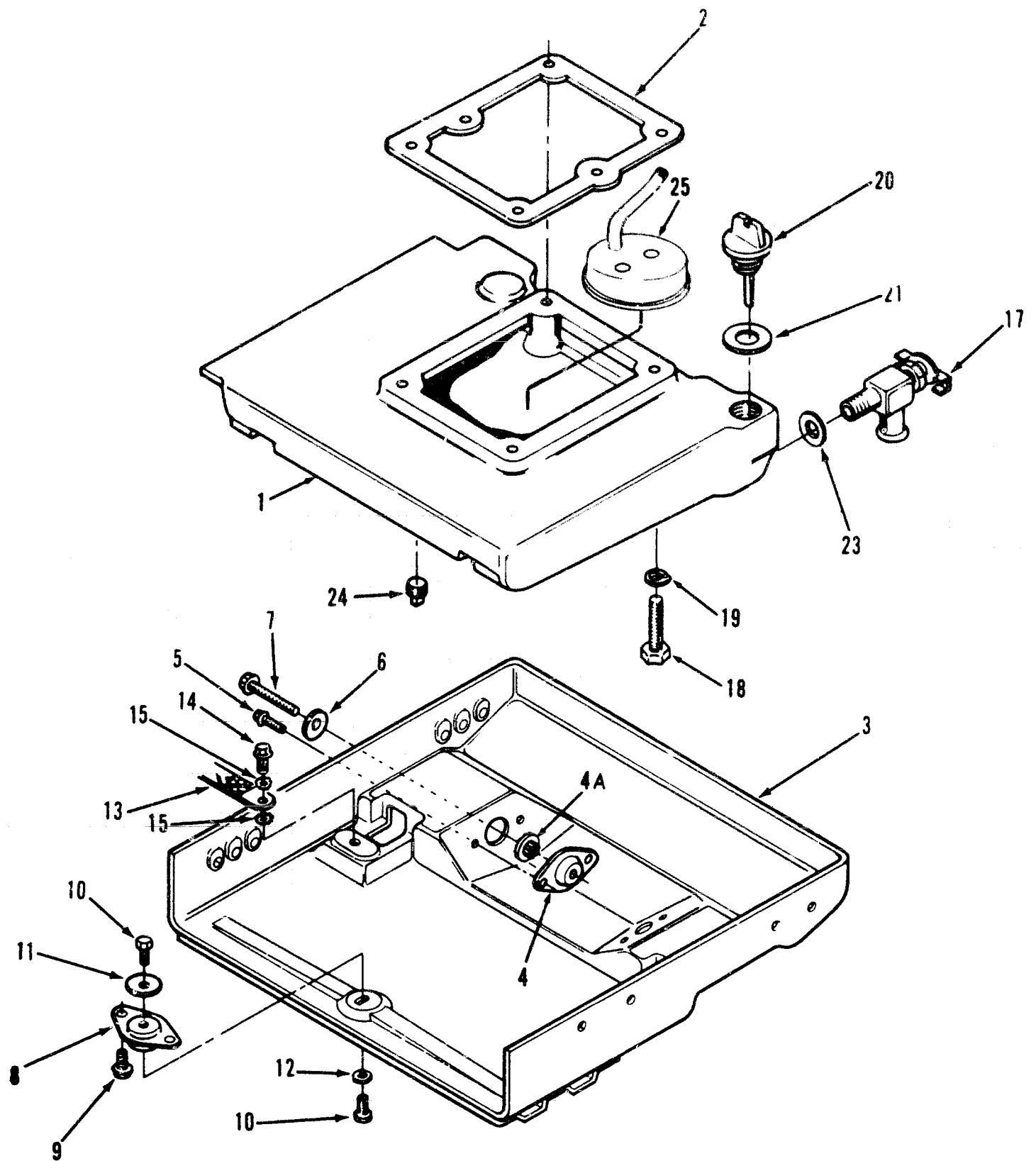
Oil Filter

5610-0014
5610-0020



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	122-0320	1	Adapter, Oil Filter	5	815-0194	2	Screw, Cap - Hex Head W/ET (#10-32 x 3/8")
2	526-0065	2	Washer, Flat - Copper (5/16" Screw)	6	122-0771	1	Gasket, Oil Filter Adapter
3	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")	7	122-0445	1	Filter, Oil - Spin-On
4	122-0352	1	Drain, Oil Filter	8	309-0322	1	Switch, Low Oil Pressure
				9	226-2980	1	Lead, Low Oil Pressure Switch
				10	502-0053	1	Elbow, Street - 45° - Spec A

Oil Base And Mounting Hardware

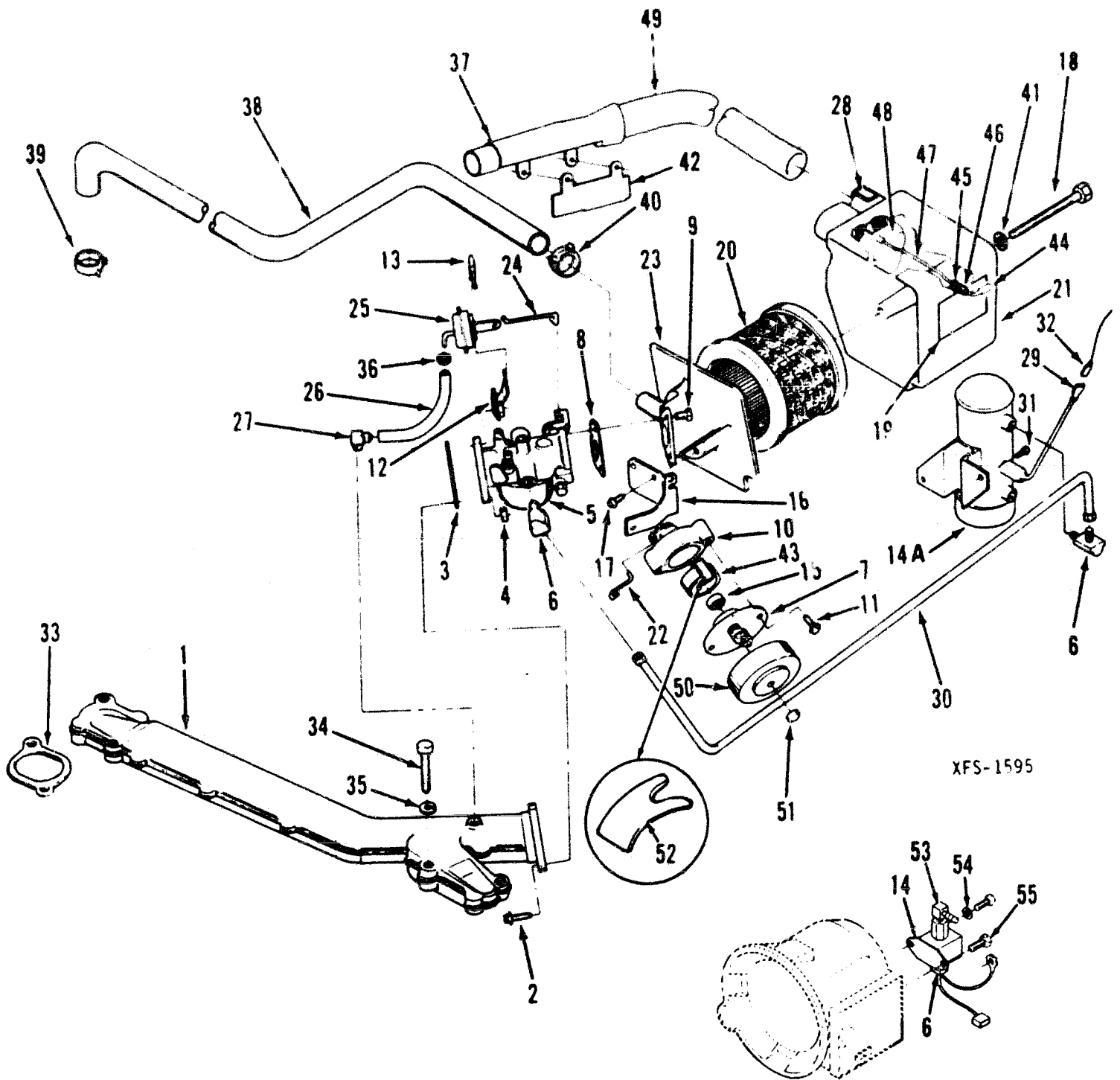


Oil Base and Mounting Hardware

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1242	1	Base, Oil	12	526-0124	1	Washer, Flat
	102-1286	1	Models Before 6/85		526-0240	1	Above Floor Models (3/8" Screw)
2	102-1387	1	Models Begin 6/85 - Begin Spec C				
3	403-2218	1	Gasket, Oil Base	13	337-2311	1	Below Floor Models (3/8" Screw)
	403-2332	1	Pan, Drip	14	821-0014	1	Strap, Ground (Mounts Scroll Assembly To Drip Pan)
4			Above Floor Models	15	856-0008	2	Screw, Hex Washer Head (5/16-18 x 1/2")
			Below Floor Models	17	504-0150	1	Washer, Lock EIT (5/16")
	402-0597	2	Isolator, Vibration - Generator End				Valve, Shut-Off - Oil Base
	402-0602	2	Voltage Code FA				Rear Drain, (Above Floor Model)
			Voltage Code FJ - Begin Spec C	18	800-0058	4	Screw, Cap - Hex Head (3/8-16 x 3")
4A	402-0547	2	Snubber	19	850-0050	4	Washer, Lock (3/8")
5	821-0010	4	Screw, Hex Washer Head - Self-Locking (1/4-20 x 1/2")	20	123-1625	1	Cap, Oil Fill
6	526-0325	2	Washer, Flat (3/8" Screw)	21	509-0096	1	O-Ring, Oil Fill Cap
7			Screw, Hex Head - Thread Form (Special)	23	102-0743	1	Gasket, Oil Drain
	815-0598	2	Use With Round Hole Drip Pan	24			Plug, Oil Drain
	815-0657	2	Use With Elliptical Hole Drip Pan		102-0938	1	Rear Drain, Bottom Drain Oil Base - (1/2")
8	402-0549	1	Isolator, Vibration - Engine End		505-0110	1	Square Head, Bottom Drain Oil Base - (3/8")
9			Screw, Hex Washer Head - Self Locking		505-0266	1	Square Head, Countersunk (3/8" Pipe) - Begin Model 6/85
	821-0016	2	NHE (5/16-18 x 3/4")	25	123-1616	1	Cup, Oil Pump Intake (Includes Pipe and Cup)
	821-0021	2	NHEL (5/16-18 x 1")				
10	821-0031	2	Screw, Hex Washer Head - Self Locking (3/8-16 x 3/4")				
11	526-0324	1	Washer, Flat (5/16" Screw)				

5620-0063

Fuel System (Gasoline)



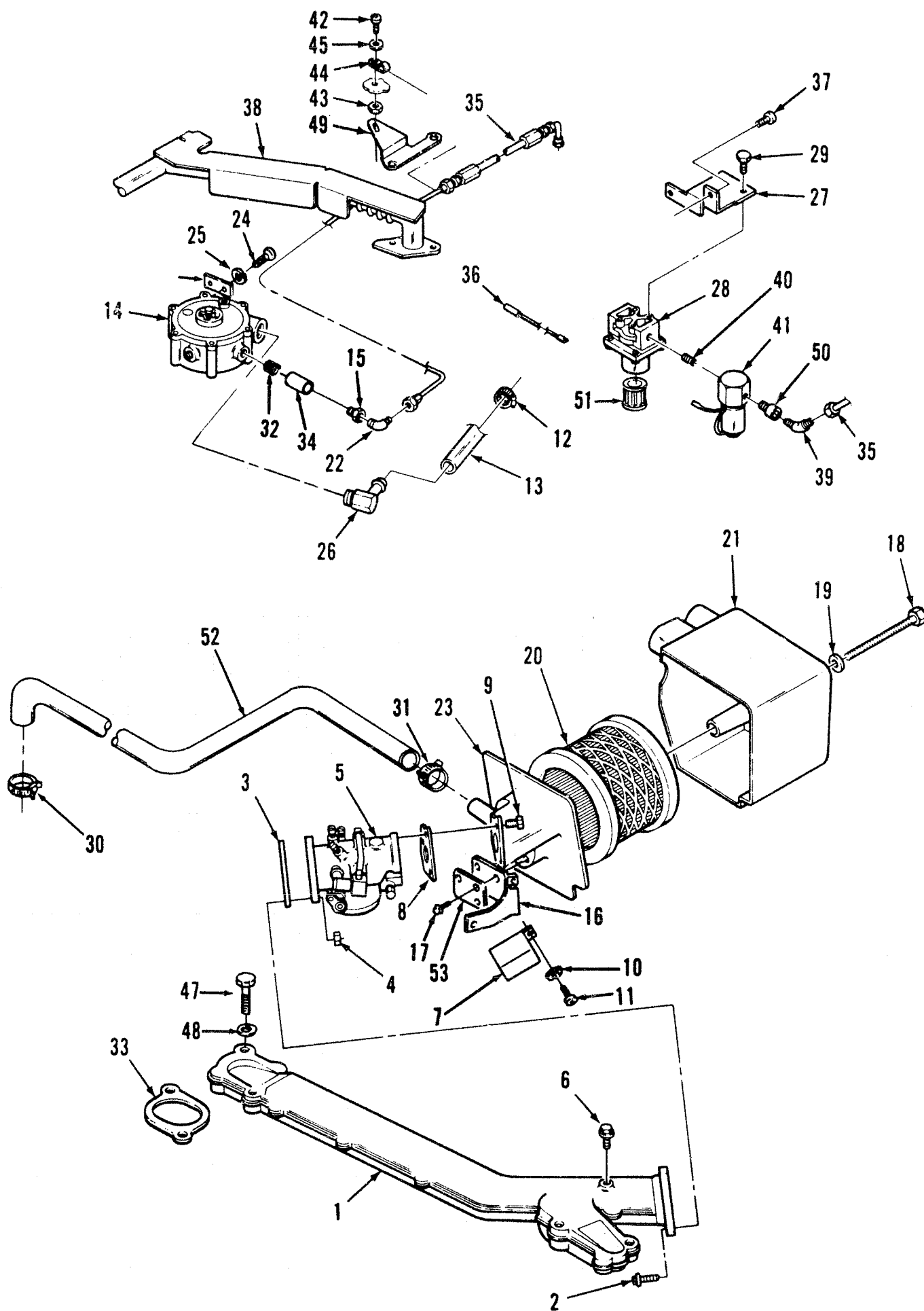
Fuel System (Gasoline)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2524	1	Manifold, Intake	29	332-2431	1	Terminal, Fuel Pump Lead (.225")
2	815-0587	2	Screw, Hex Washer Head (Special)	30			Line, Fuel (Includes 2 Inverted Nuts)
3	141-0950	1	Gasket, Carburetor Mounting		149-2022	1	Units Manufactured 6/86 Through 12/86 - Begin Spec C
4	862-0015	1	Nut, Hex (5/16-18)		149-2083	1	All Others
5	146-0456	1	Carburetor (Includes Mounting Gasket) (See Separate Page for Components - Could also be a Facet Carb.)	31			Screw
6			Elbow, Inverted Male		815-0370	2	Hex Head (1/4-20 x 1/2") Spec A
	502-0002	1	Units Manufactured 6/86 Through 12/86		815-0664	2	Pan Head (1/4-20 x 3/8") Begin Spec C
	502-0002	2	All Others	32	332-2572	1	Terminal, Fuel Pump Lead (.250 Recep)
7	153-0555	1	Element And Cover, Choke	33	154-2219	2	Gasket, Intake Manifold
8	140-2308	1	Gasket, Air Horn	34	800-0055	4	Screw, Cap - Hex Head (3/8-16x2-1/4")
9	815-0590	3	Screw, Hex Head (Special)	35	526-0251	4	Washer, Flat (3/8")
10	153-0556	1	Housing, Choke (Includes Choke Shaft) (Includes Parts Marked *)	36	503-1345	1	Clamp, Hose (.375" Diameter)
	153-0563	1	*Housing, Choke	37	140-2378	1	Adapter, Preheater
	153-0571	1	*Washer, Insulating - Choke	38	123-1615	1	Tube, Breather
	518-0387	1	*Ring, Retainer	39	503-0183	1	Clamp, Hose - Breather Tube (9/16 to 1-1/16")
	153-0567	1	*Shaft, Choke Housing	40	503-1133	1	Clamp, Hose - Breather Tube (Fits Hose OD .875")
11	815-0592	2	Screw, Hex Washer Head (Special)	41	526-0018	1	Washer, Flat (1/4" Screw)
12	153-0561	1	Bracket, Diaphragm Mounting	42	140-2021	1	Baffle, Preheater (Mounts Between Preheater Adapter & Intake Manifold)
13	518-0450	1	Clip, U - Diaphragm Mounting Bracket	43	153-0578	1	Tube, Choke Housing
14	149-2110	1	Pump, Fuel - Electric	44	517-0223	1	Cap, Vinyl
			Units Manufactured 6/86 Through 12/86	45	526-0002	1	Washer, Flat (#6 Screw)
14A			Pump, Fuel - Electric	46	120-0140	1	Spring, By-pass
			(Includes Mounting Bracket)	47	145-0562	1	Rod, Air Inlet
	149-1994	1	Spec A	48	145-0561	1	Cover, Air Inlet
	149-2110	1	Begin Spec C	49	503-1351	1	Hose, Preheater
15	153-0554	1	Bi-Metal, Choke	50	153-0579	1	Cover, Choke Housing
16	153-0557	1	Bracket, Housing Mounting	51	870-0421	1	Nut, Cap (6-32)
17	815-0591	2	Screw, Hex Washer Head (Special)	52	518-0466	1	Clip (Fits Between Choke Housing And Choke Housing Tube)
18	800-0017	1	Screw, Cap - Hex Head (1/4-20x3-1/2")	53	502-0313	2	Elbow, 90° (1/8 NPT x 1/4" I (Not Shown)
19	98-5335	1	Label, Preheat	54	856-0006	2	Washer, Lock (EIT 1/4")
20	140-1891	1	Element, Air Cleaner	55	821-0009	2	Screw, Hex Washer Head Self-Lock (1/4-20 x 3/8")
21	140-1894	1	Housing, Air Cleaner		502-0313	1	Elbow, 90° (1/8 NPT x 1/4" ID) (Not Shown)
22	153-0558	1	Linkage, Choke				
23	140-1889	1	Adapter, Air Cleaner				
24	153-0577	1	Linkage, Pull-off				
25	153-0576	1	Pull-off Assembly, Choke				
26	503-1252	1	Hose, Vacuum (3/16" ID x 3" Long)				
27	502-0871	1	Fitting, Vacuum - Intake Manifold To Vacuum Hose				
28	518-0459	1	Clip, Preheater Hose				

* - Parts Included In 153-0556 Choke Housing Assembl

5610-0021

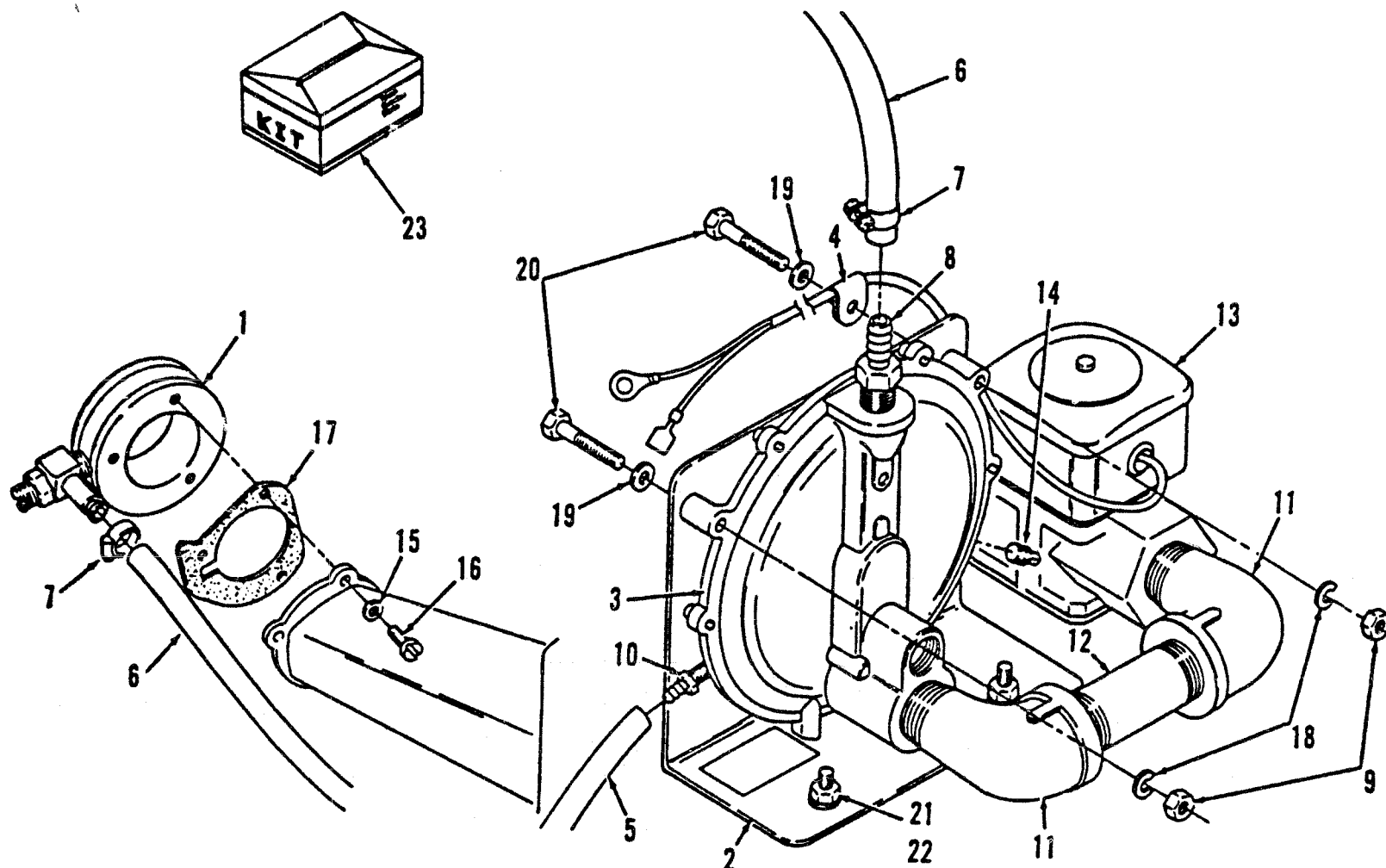
Fuel System (LP)



Fuel System (LP)

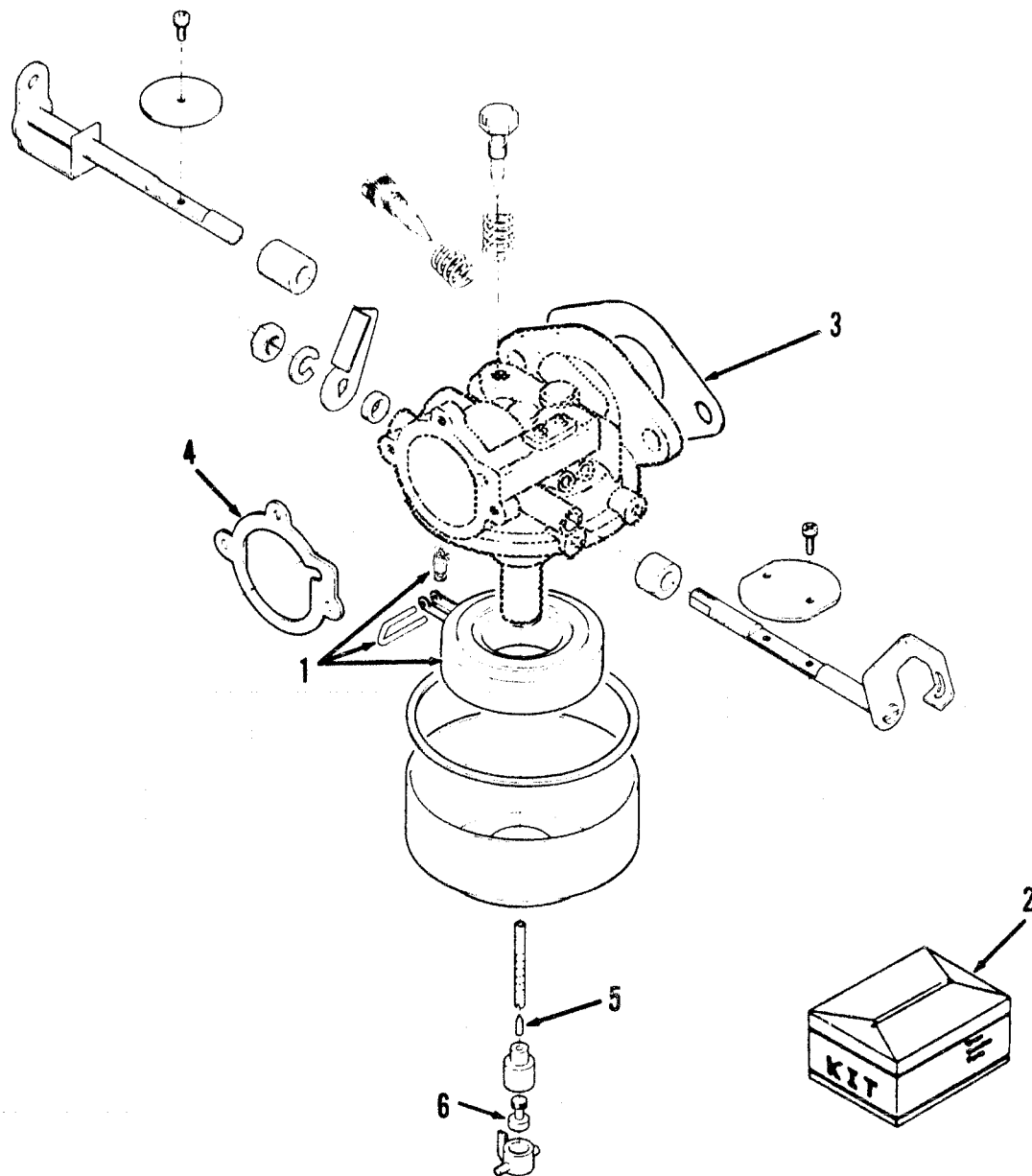
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2524	1	Manifold, Intake	29	815-0370	2	Screw, Cap - Hex Head - Threa
2	815-0587	2	Screw, Hex Washer Head (Special)	30	503-0183	1	Form (1/4-20x1/2")
3	141-0281	1	Gasket, Carburetor Mounting	31	503-1133	1	Clamp, Hose - Breather Tube (9/16 to 1-1/16")
4	862-0015	2	Nut, Hex (5/16-18)	32	148-0899	1	Clamp, Hose - Breather Tube (.900 Diameter)
5	141-0933	1	Carburetor (See Separate Page For Components)	33	154-1483	2	Spring, Adapter (3/8")
6	505-0274	1	Plug, Pipe - Hex (1/8")	34	148-0900	1	Gasket, Intake Manifold
7	307-1886	1	Relay, Ignition	35			Spacer, Adapter (3/8") 1-1/4" Long
8	140-2308	1	Gasket, Air Horn		501-0497	1	Line, LP
9	815-0590	3	Screw, Cap - Hex Head (Special)		501-0512	1	13.5" Long
10	526-0008	1	Washer, Flat (#10 Screw) - Spec A		501-0525	1	15" Long
11			Screw	36	336-9679	1	17.25" Long
	815-0531	1	Hex Washer Head (Special) Spec A	37	815-0261	2	Lead, Filter Mounting Bracke
	821-0005	1	Lock Head - Flanged (#10-32 x 1/2") - Begin Spec C	38	154-2638	1	Screw, Hex Washer Head (1/4-20x1/2")
12	503-0183	2	Clamp, Hose (9/16 to 1-1/16")	39			Manifold, Exhaust (Includes Heat Shield And Fuel Line)
13	503-1365	1	Hose, Fuel (7-1/2" Long)		502-0965-01	1	Elbow
14	148-0893	1	Regulator		502-0054	1	Reducing, 45° - Bottom Outlet - Exhaust Manifold
15			Bushing, Reducer (3/8 To 1/4")	40	502-0929-01	1	Male, 90° - Front Outlet - Exhaust Manifold
	502-0927-01	1	Adapter (3/8")	41	307-2501	1	Nipple, Close - Bottom Outle Exhaust Manifold
16	153-0557	1	Bracket, Housing Mounting	42	815-0176	1	Valve, Fuel Shut-off - Bottc * Outlet - Exhaust Manifold
17	815-0591	2	Screw, Hex Washer Head (Special)	43	870-0221	1	Screw, Hex Head - Machine (8-32x.50)
18	800-0017	1	Screw, Cap - Hex Head (1/4-20x3-1/2")	44	503-1190	1	Nut, Hex (8-32)
19	526-0018	1	Washer, Flat (1/4" Screw)	45	526-0003	1	Clamp, Hose
20	140-1891	1	Element, Air Cleaner	46	148-0897	1	Washer, Flat (#8 Screw)
21	140-1894	1	Housing, Air Cleaner	47	800-0055	4	Washer, Regulator Mounting
22			Elbow, Reducing - 90° 7/16 To 1/4"	48	526-0251	4	Screw, Cap - Hex Head (3/8-16x2-1/4")
	502-0838	1	7/16 To 3/8"	49	149-2038-01	1	Washer, Flat (3/8"))
	502-0923-02	1	Adapter, Air Cleaner	50	502-0949-01	1	Bracket, Fuel Line - LP Liq
23	140-1889	1	Screw, Hex Washer Head (1/4-20x5/8")	51	148-0898	1	Connector, Male
24	815-0647	2	Washer, Lock (1/4")	52	123-1615	1	Element, Fuel Filter
25	850-0040	2	Elbow, 90°	53	307-2559-01	1	Tube, Breather
26	502-0935	1	Bracket, Filter Mounting				Bracket, Relay - Begin Spec - Zinc Plated
27			Bottom Outlet Exhaust				
	148-0896	1	Front Outlet Exhaust				
	148-0903	1	Filter, LPG (Includes Element and O-Rings)				
28	148-0890	1					

LPG (Low Pressure) Fuel System Field Conversion



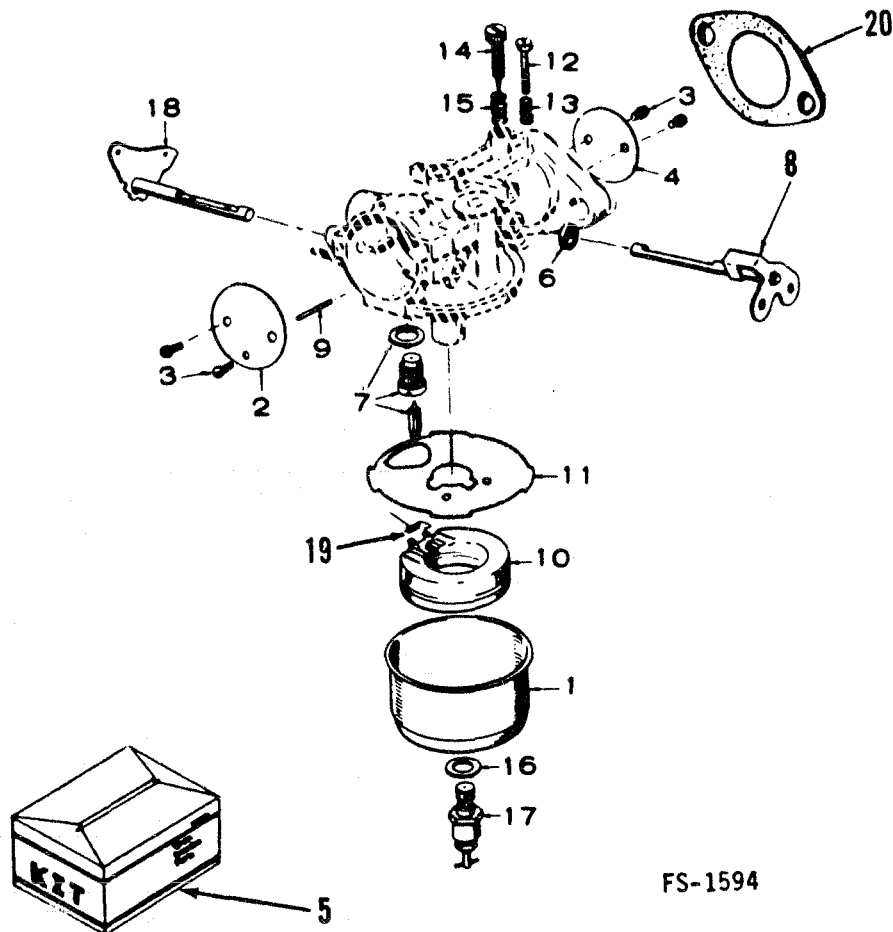
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0912	1	Adapter, Carburetor	15	854-0010	3	Washer, Lock - IT (#10)
2	148-0843	1	Bracket, Gas Regulator	16	813-0117	3	Screw, Round Head - Machine (10-32 x 1-5/8")
3	148-0311	1	Regulator, Gas	17	140-2308	2	Gasket, Air Intake Adapter
4	518-0350	1	Clamp, Insulated (1/4" OD)	18	850-0040	2	Washer, Lock (1/4")
5	503-1016	1	Hose, Oil (Vent) 12" Long	19	526-0018	2	Washer, Flat (1/4" Screw)
6	503-1048	1	Hose, Fuel - 30" Long	20	800-0008	2	Screw, Cap - Hex Head (1/4-20 x 1-1/4")
7	503-0032	2	Clamp, Hose (#4)	21	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")
8	502-0238	1	Connector, Hose	22	870-0257	2	Nut, Hex - Self Lock (5/16-18)
9	862-0001	2	Nut, Hex (1/4-20)	23	148-0913	1	Kit, Conversion - LP
10	502-0395	1	Connector, Hose				
11	505-0051	2	Elbow, Street - 90°				
12	505-0332	1	Nipple, Pipe (3/4 x 3.00 Lg)				
13	307-1881	1	Solenoid and Terminal				
14	505-0057	1	Plug, Square Head				

Carburetor Components (Gasoline) **Nikki**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0456	1	Carburetor, Complete (Includes Mounting Gaskets)	3	141-0281	1	Gasket, Carburetor Mounting
1	146-0453	1	Float Kit (Includes Float, Pin and Valve)	4	140-2308	1	Gasket, Air Horn
2	146-0457	1	Kit, Repair (Includes Gasket Package, Float Valve, Idle Adjust Needle And Spring, Mounting Gaskets, Adjust Limit Caps, Throttle Stop Screw And Spring)	5	146-0451	1	Jet, Idle
				6	146-0452	1	Jet, Power

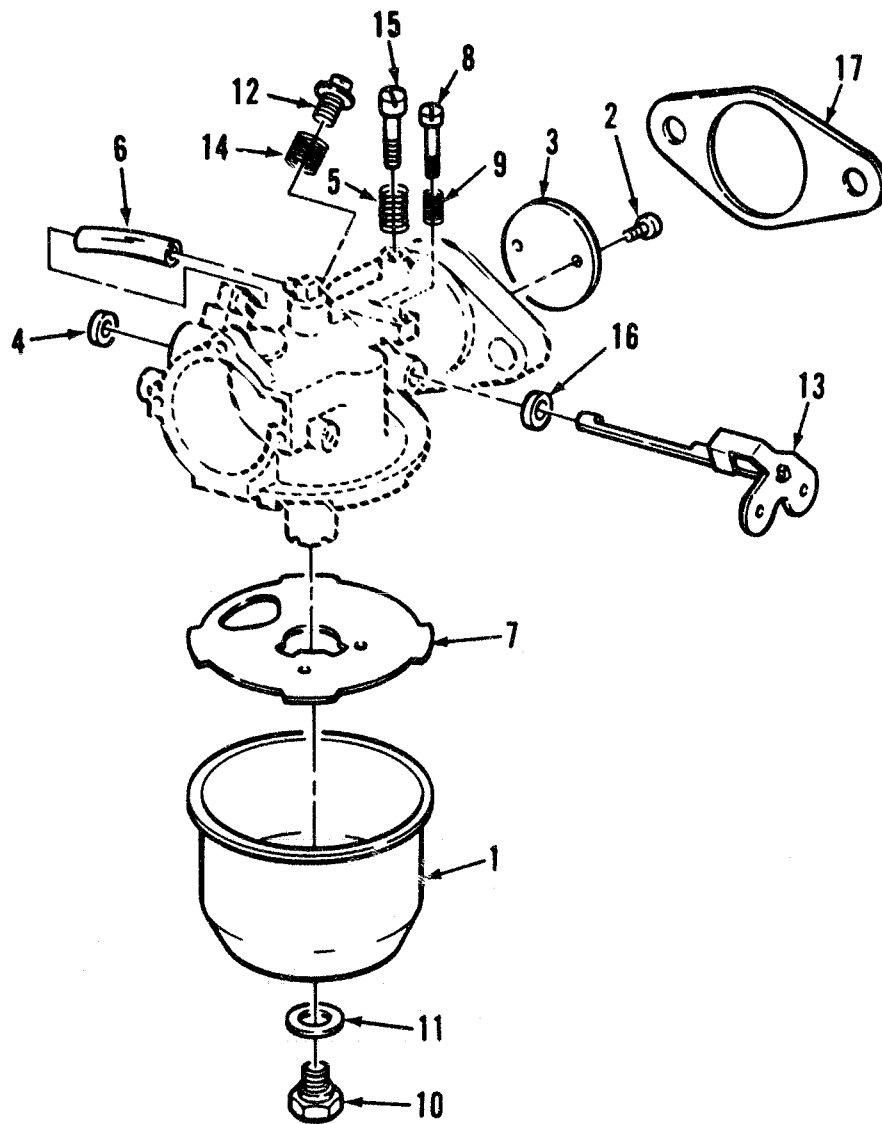
Carburetor Components (Gasoline) (Spec A) Facet



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
		1	Carburetor, Complete Gasoline - Electric Choke (Order 146-0456)	8	141-0920	1	Shaft, Throttle
1	141-0708	1	Bowl, Fuel	9	141-0703	1	*Shaft, Float Pivot
2	141-0741	1	Plate, Choke	10	141-0702	1	Float, Carburetor
3	141-0698	4	Screw, Round Head With Washer	11	141-0701	1	*Gasket, Bowl
4	141-0919	1	Plate, Throttle	12	141-0700	1	Screw, Throttle Stop
5			Kit	13	141-0711	1	Spring, Throttle Stop
	141-0927	1	Carburetor Repair (Includes Parts Marked*)	14	141-0713	1	*Needle, Idle Adjusting
	141-0928	1	Gasket (Includes Parts Marked#)	15	141-0710	1	Spring, Idle Adjusting Needle
6	141-0924	1	*Seal, Rubber	16	141-0077	1	*Washer, Main Jet
7	141-0923	1	*Seal Assembly, Fuel Valve	17	141-0942	1	Jet, Main (Adjustable) (Includes Packing)
				18	141-0921	1	Shaft, Choke
				19	141-0799	1	*Spring, Fuel Float
				20	141-0281	1	*Gasket, Carburetor Flange

* - Included In Repair Kit 141-0927.
- Included In Gasket Kit 141-0928.

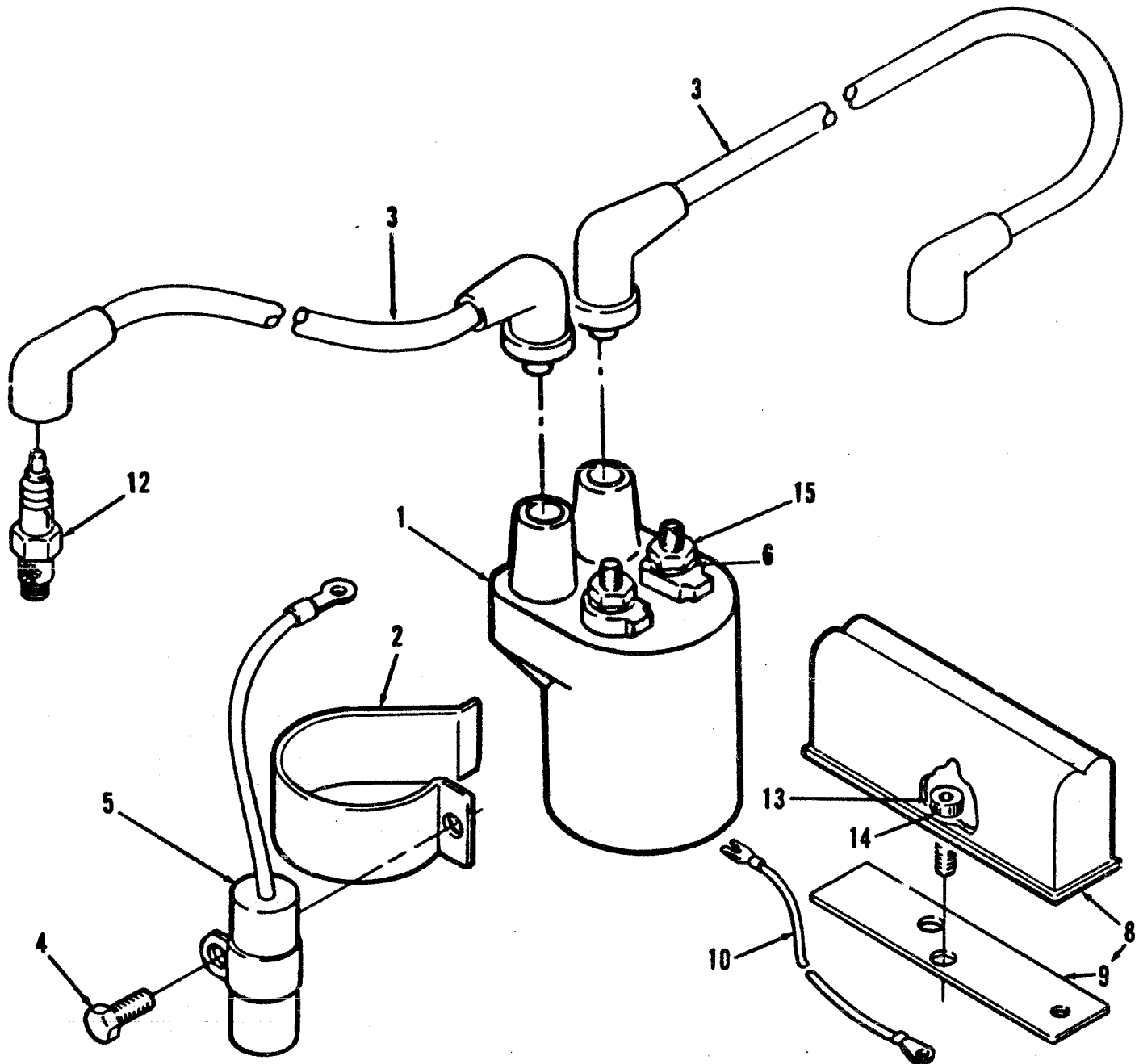
Carburetor Components (LP)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	141-0933	1	Carburetor, Complete	9	141-0711	1	Spring, Throttle Stop
1	141-0708	1	Bowl, Fuel	10	141-0736	1	Plug, Bowl
2	141-0698	2	Screw, Round Head With Washer	11	141-0077	1	Washer, Bowl Plug
3	141-0919	1	Plate, Throttle	12	141-0934	1	Screw, Main Jet - Adjust
4	141-0940	1	Seal, Dust	13	141-0936	1	Lever, Throttle Shaft
5	141-0935	1	Spring, Idle Needle	14	141-0939	1	Spring, Main Jet Screw
6	141-0938	1	Tube, Idle (Rubber)	15	141-0937	1	Needle, Idle Adjust
7	141-0701	1	Gasket, Bowl	16	141-0924	1	Seal, Rubber
8	141-0700	1	Screw, Throttle Stop	17	141-0281	1	Gasket, Carburetor Flange

Ignition System

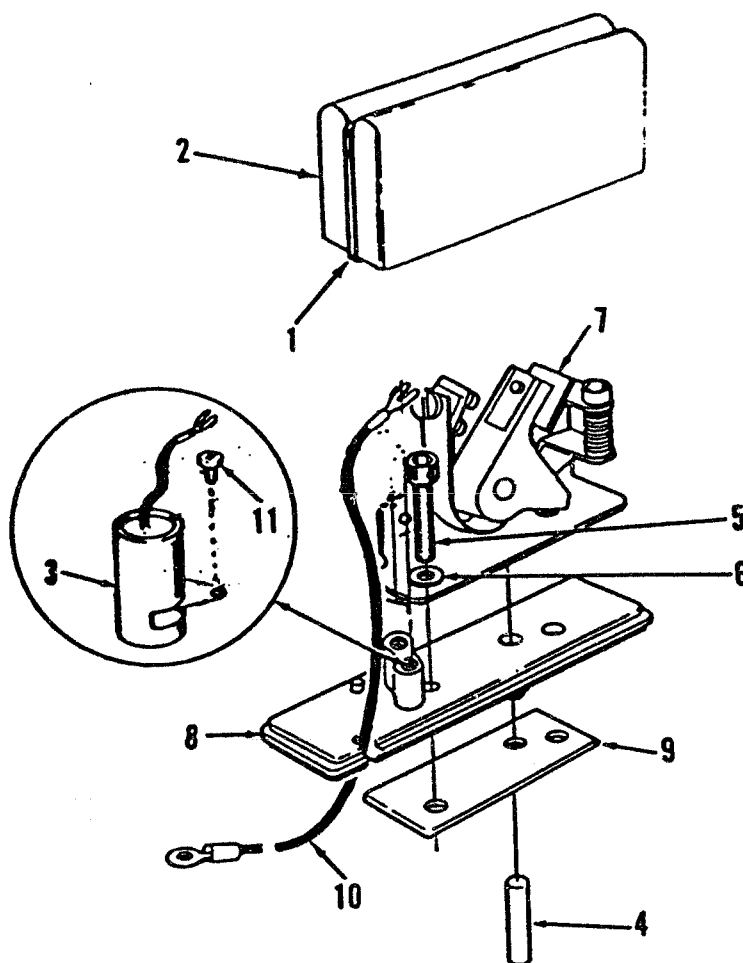
5600-001
5610-001



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	166-0772	1	Coil, Ignition (Includes Nuts And Washers)	8	160-1325	1	Box, Breaker (See Separate Page For Components) (Includes Mounting Gasket)
2	166-0747	1	Clamp, Coil	9	160-1368	1	Gasket, Breaker Box Mounting
3	167-1615-01	1	Cable, Spark Plug 9" Long	10	336-2378	1	Lead, Coil to Breaker Box Mounting
	167-1602	1	26" Long	12	167-0263-01	2	Plug, Spark
4	815-0261	1	Screw, Hex Washer Head - Thd. Cutting (1/4-20 x 1/2")	13	802-0034	2	Screw, Cap - Socket Head (1/4-20 x 3/4")
5	312-0249	1	Condenser, Ignition	14	850-0038	2	Washer, Lock - Spring (1/4"
6	850-2005	2	Washer, Lock (8 MM)	15	166-0554	2	Nut, Hex (8 MM)

Breaker Box

5600-0015

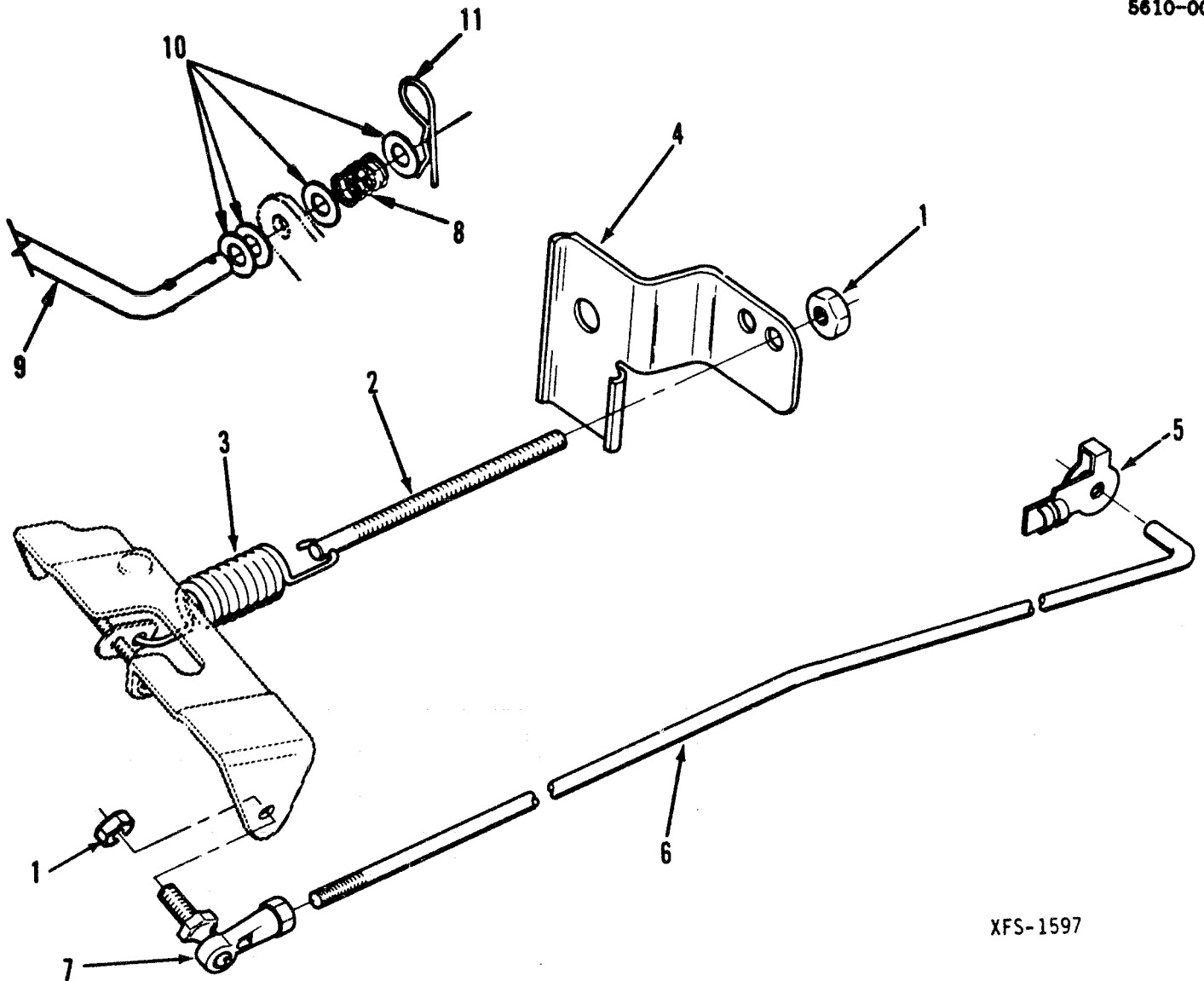


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	160-1325	1	Box, Breaker Complete (Includes Parts Marked *)	5	802-0034	2	*Screw, Cap - Socket Head (1/4-20 x 3/4")
1	160-1317	1	*Clip, Breaker Box Cover	6	850-0038	2	*Washer, Lock - Spring (1/4")
2	160-1316	1	*Cover, Breaker Box	7	160-1183	1	*Point, Breaker
3			Condenser, Ignition	8	160-1314	1	*Base, Breaker Box
	312-0246	1	Use Prior to 9/87 - Mounts Inside Breaker Box	9	160-1368	1	*Gasket, Breaker Box
	312-0256	1	Use After 9/87 - Mounts Remote, Attached to Generator Adapter	10	336-2378	1	Lead, Breaker Box To Coil
4	160-1151	1	Plunger, Breaker Points	11	815-0358	1	Screw, Hex Head - Slotted Thread Form (#8-32 x 5/16") Use Prior to 9/87

* - Parts Included In 160-1325 Breaker Box.

Governor

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5610-0013
5610-0018

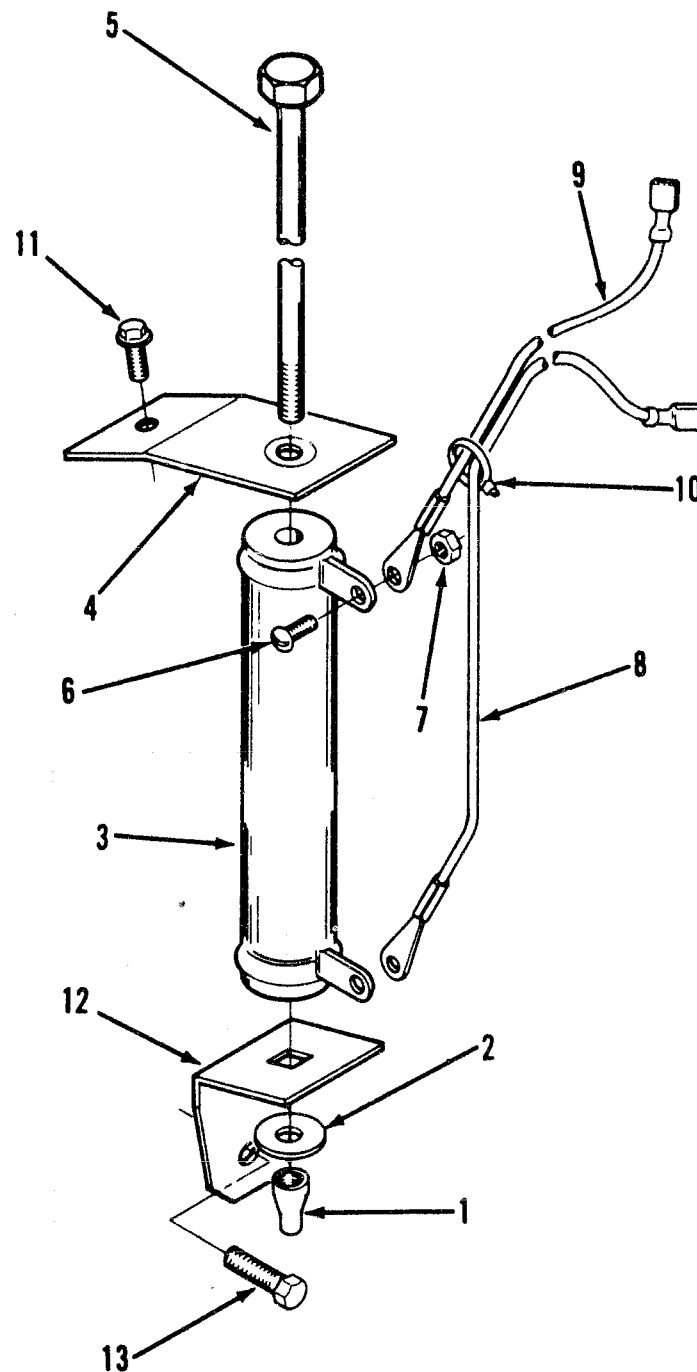


XFS-1597

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0131	2	Nut, Hex - Self-Locking (10-32)	7	150-0939	1	Joint, Ball
2	150-0096	1	Stud, Speed Adjustment	8	150-2421	1	Spring, Compression - Begin Spec C
3	150-1612	1	Spring, Governor	9	150-2429	1	Rod, Throttle - Begin Spec
4	150-1958	1	Bracket, Governor	10	150-2430	4	Washer, Friction - Begin Spec C
5	518-0006	1	Clip, Retaining	11	518-0606	1	Clip, Linkage - Begin Spec
6	150-2079	1	Rod, Governor Arm to Carburetor				

Resistor Assembly

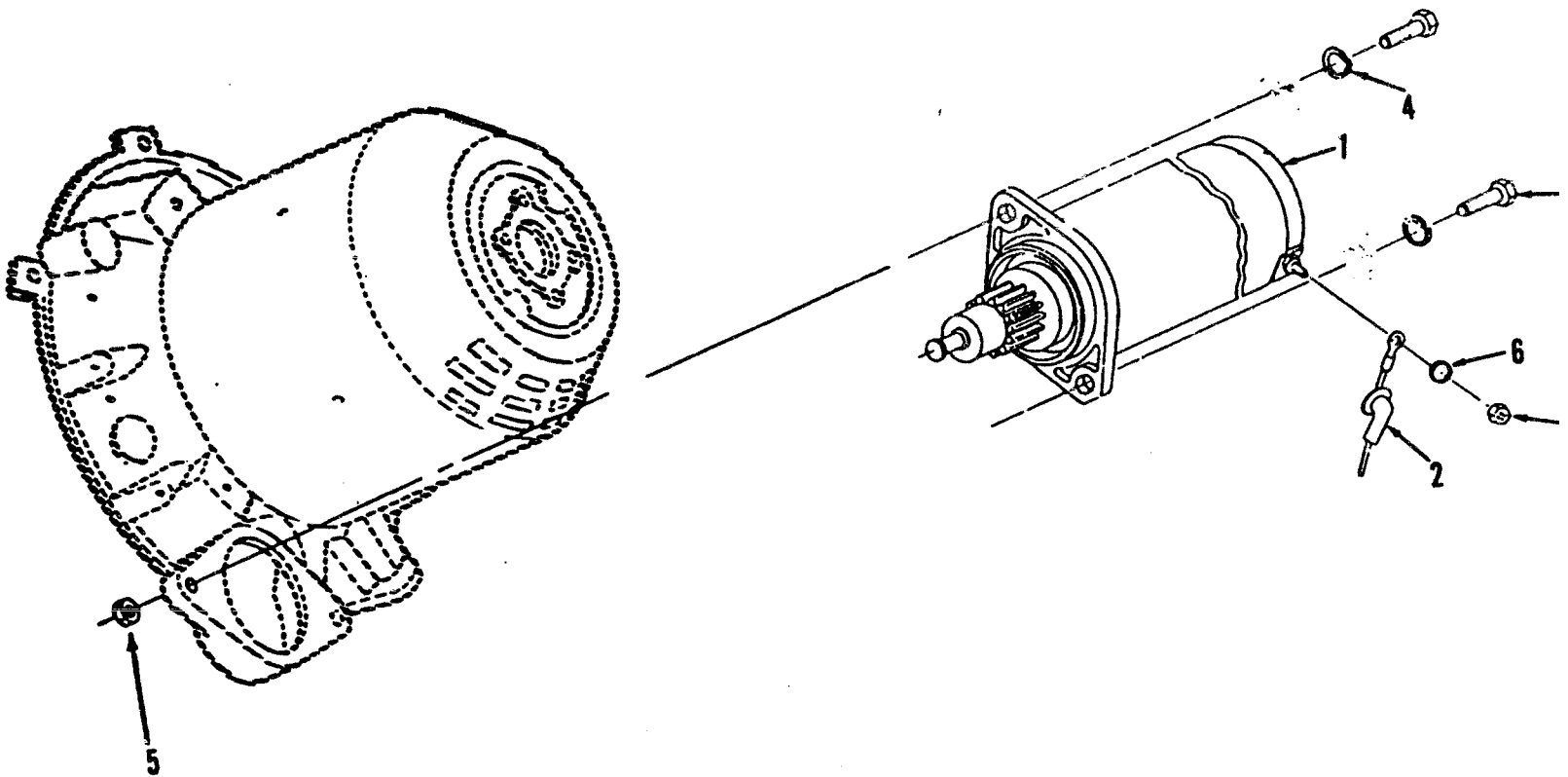
5610-000



ES-1533

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0196	1	Nut, Insulation (#8)	7	870-1183	2	Nut, Hex (Special)
2	304-0015	1	Washer, Centering	8	226-2754	1	Lead, 7" Long
3	304-0044	1	Resistor, Fixed - 2.5 Ohms 50 Watts	9	226-2753	1	Lead, 3" Long
4	304-0773	1	Bracket, Resistor Mounting	10	332-0942	2	Tie, Cable
5	815-0583	1	Screw, Cap - Hex Head (Special)	11	815-0340	1	Screw, Hex Washer Head Thread Form (10-32x3/8")
6	812-0061	2	Screw, Round Head (6-32x3/8")	12	304-0772	1	Bracket, Resistor Mounting
				13	815-0261	1	Screw, Hex Head - Thread Forming (1/4-20x1/2")

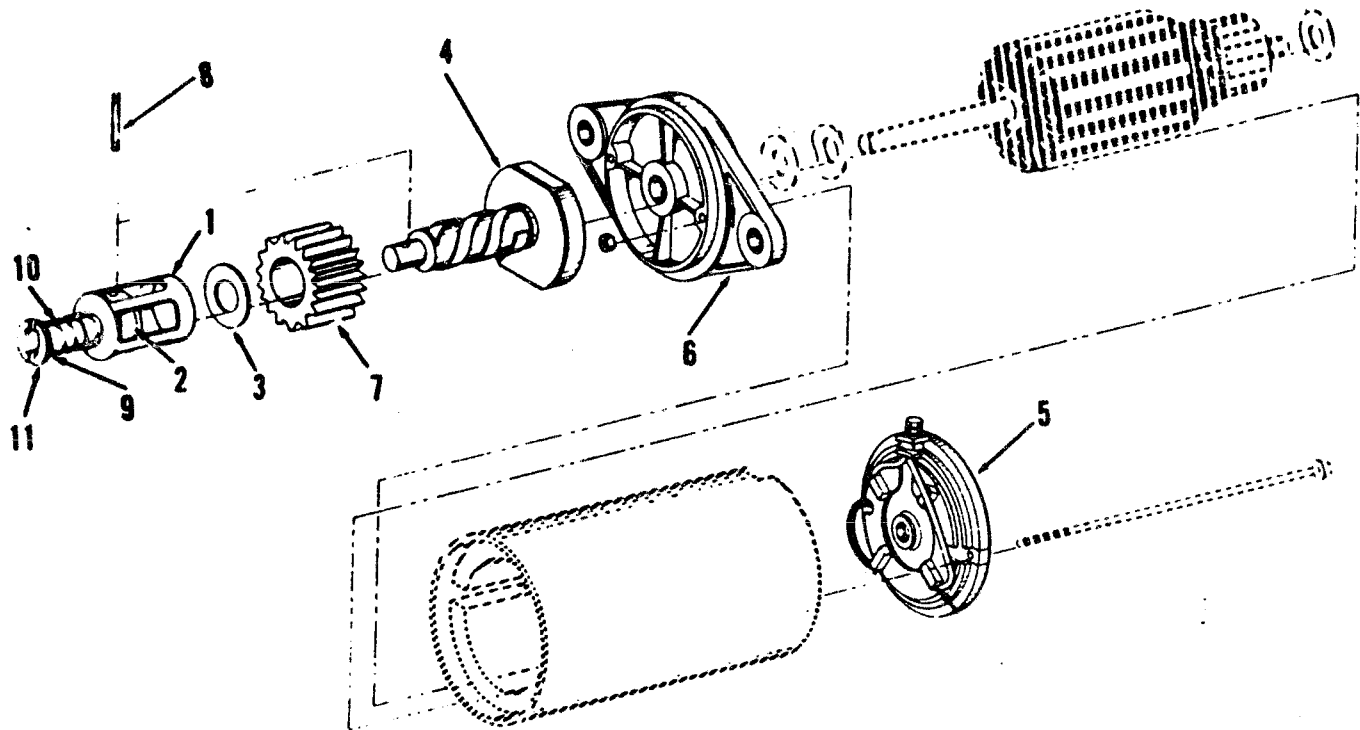
Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1630	1	Starter, 12 Volt (See Separate Page For Components)
2	226-2426	1	Lead, Starter
3	800-0052	2	Screw, Cap - Hex Head (Special)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	850-0050	2	Washer, Lock (3/8")
5	862-0003	2	Nut, Hex (3/8-16)
6	850-0040	1	Washer, Lock (1/4")
7	862-0001	1	Nut, Hex (1/4-20)

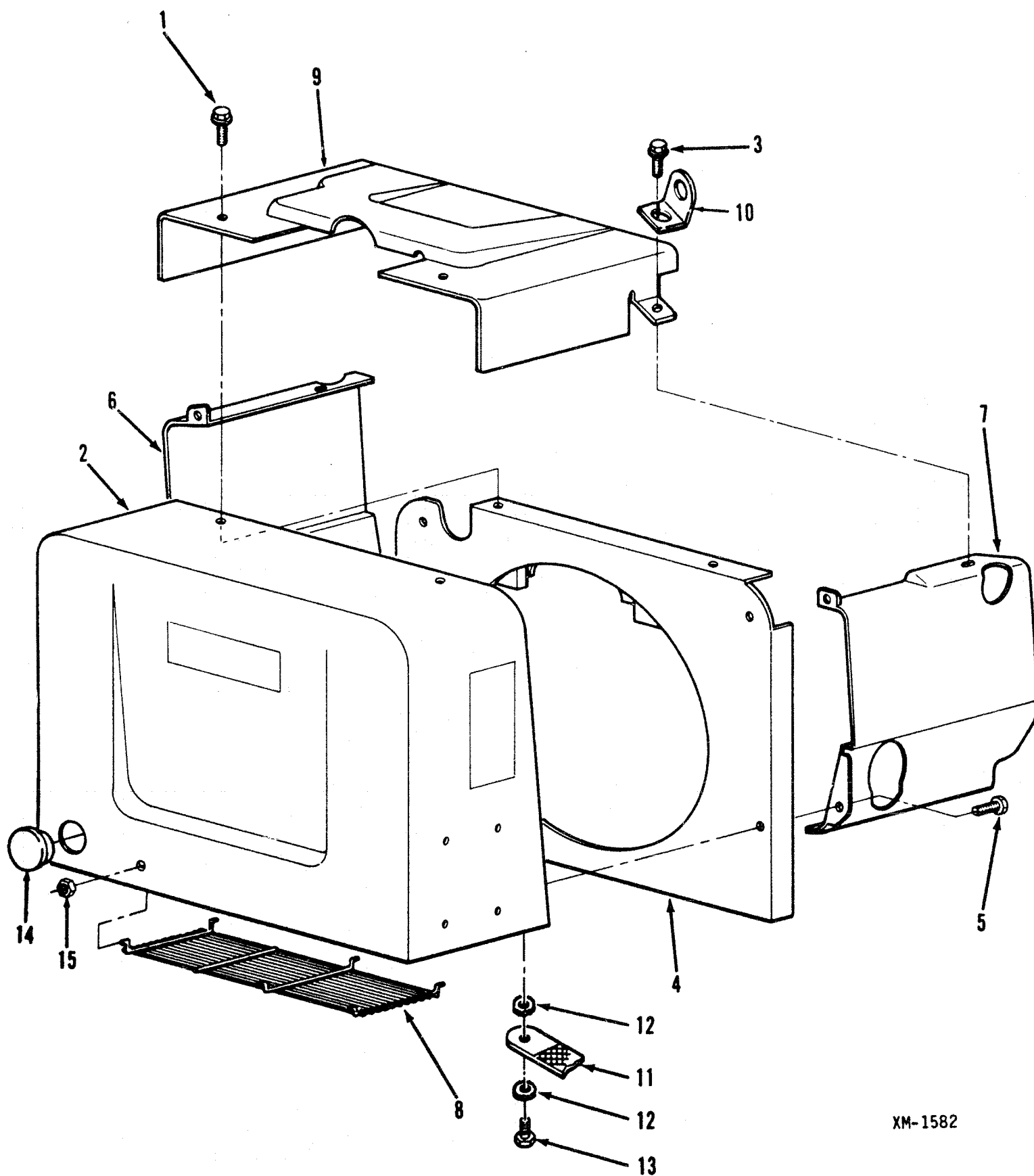
Starter Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-1630	1	Motor, Starter (Complete)
1	191-1817	1	Cover, Spring
2	191-1818	1	Retainer, Clutch
3	191-1785	1	Washer, Drive
4	191-1784	1	Clutch and Spline
5	191-1781	1	Cap, End

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	191-1776	1	Cap, Drive End
7	191-1819	1	Gear, Starter
8	191-1786	1	Pin, Roll
9	191-1822	1	Washer, Pinion
10	191-1820	1	Spring, Pinion
11	191-1821	1	Retainer, Spring

Air Housing



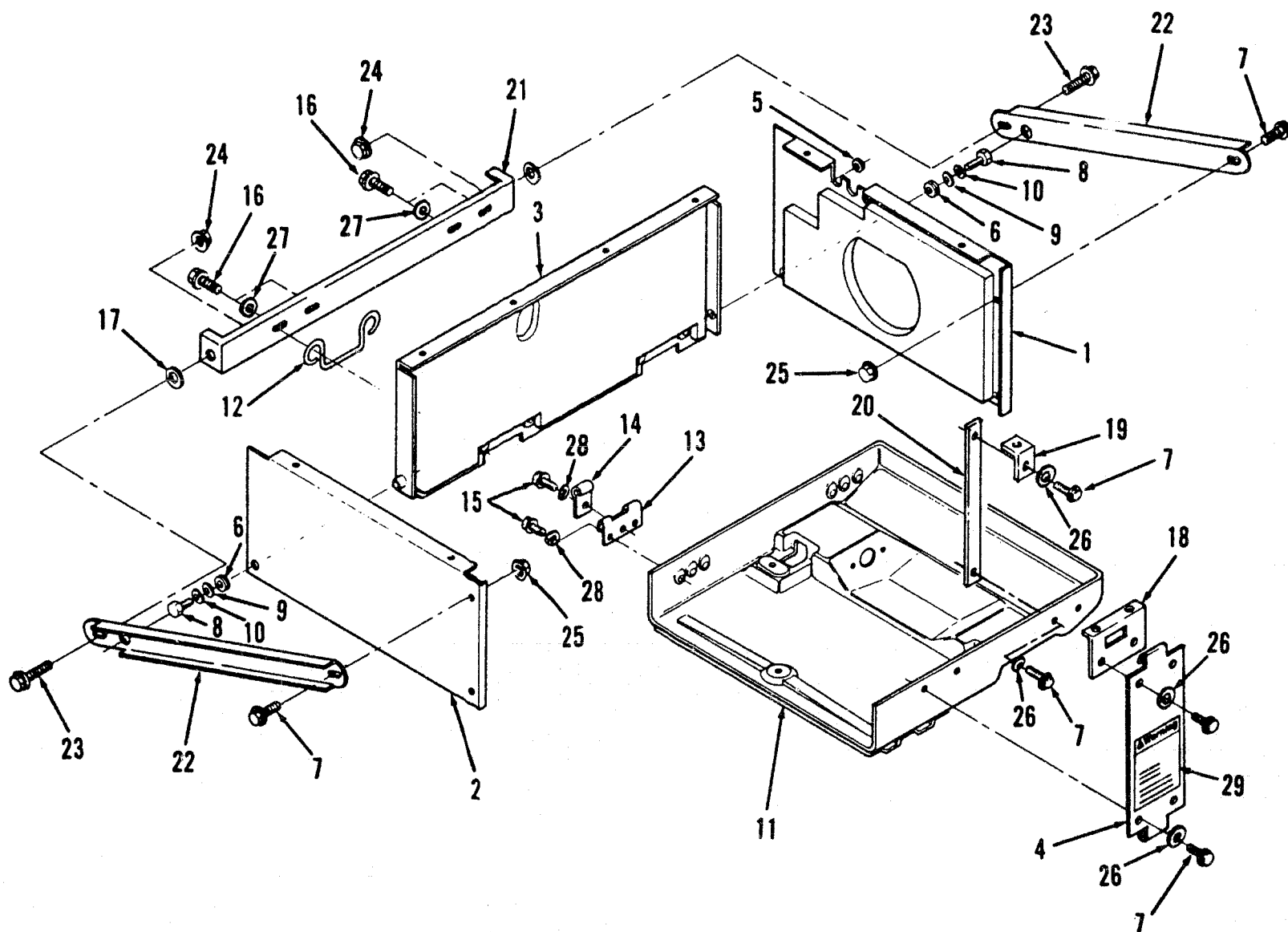
XM-1582

Air Housing

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5600-0018
5610-0007
5610-0015

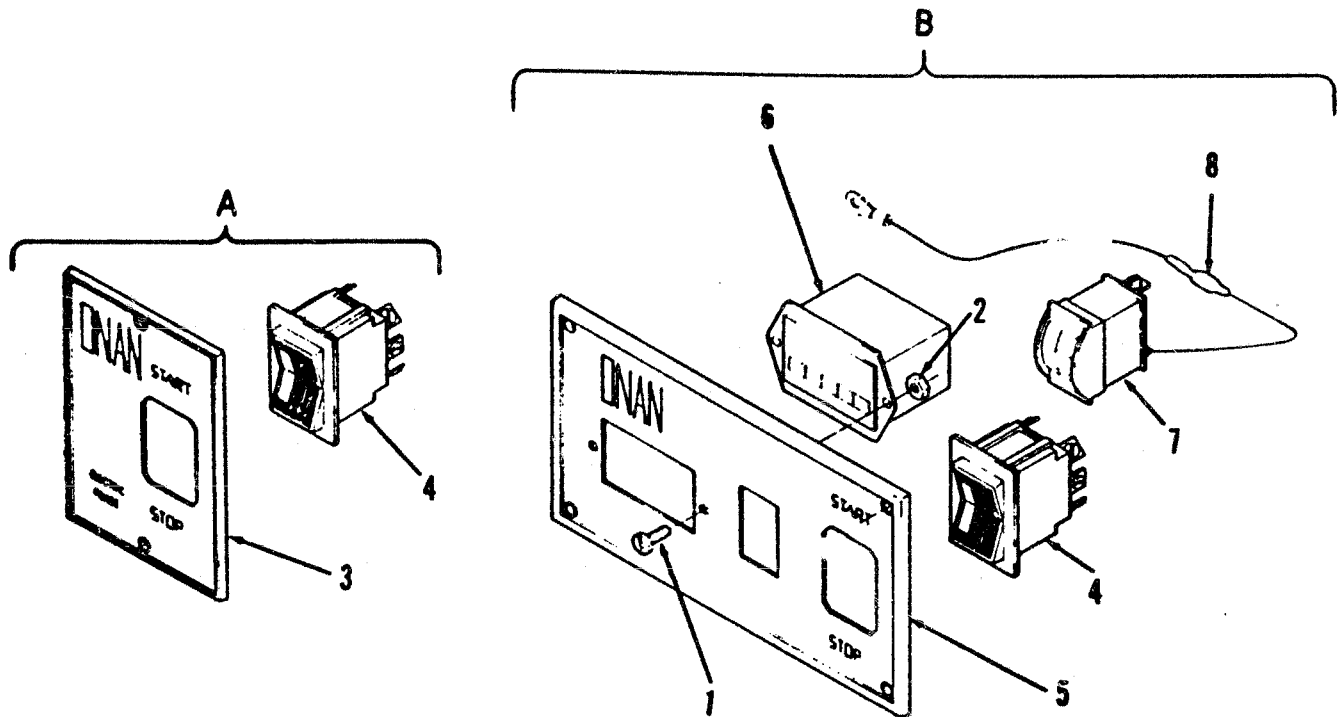
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0009	10	Screw, Hex Washer Head Self-locking (1/4-20 x 3/8")	7	134-4381	1	Housing, Cylinder Air - Right
2			Scroll (Includes Baffle)	8	134-4384	1	Guard, Scroll
	134-4503-01	1	Gasoline & LP Vapor	9	155-2055	1	Shield, Noise - NHE Sets Only
	134-4503-02	1	LP Liquid	10	403-1523	2	Bracket, Lifting
3	815-0759	2	Screw, Hex Head - Thd. Form - (5/16-18 x 1")	11	337-2311	1	Strap, Ground (Mounts Scroll To Drip Pan)
4	134-4386	1	Backplate, Scroll	12	856-0010	2	Washer, Lock (EIT 3/8")
5	815-0261	5	Screw, Hex Head - Tapping Cylinder Air Housing (Right Hand) (1/4-20 x 1/2")	13	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")
6	134-4382	1	Housing, Cylinder Air - Left	14	517-0129	1	Plug, Dot Button
				15	870-0415	6	Nut, Self-Tapping (1/8")

Housing - Below Floor Models



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-3397	1	Panel, Housing (Right Hand)	16	800-0048	4	Screw, Hex Head - Cap (3/8-16 x .75)
2	405-3400	1	Panel, Housing (Left Hand)	17	526-1518	4	Washer, Flat (7/16" Screw)
3	405-3394	1	Panel, Housing (Rear)	18	405-3406	1	Bracket, Housing
4	405-3401	1	Support - Housing	19	405-3597	1	Bracket, Support
5	508-0071	3	Grommet, Rubber	20	405-3604	1	Support (Includes Label)
6	508-0008	2	Grommet, Rubber				With Weld Nuts
7			Screw		405-3781	1	With-Out Weld Nuts
	821-0014	2	Hex Washer Head - Self-Lock (5/16-18 x 1/2")	21	405-3608	1	Brace, Rear
	800-0026	6	Hex Head - Cap (5/16-18 x 3/4")	22	405-3607	2	Brace, Side
8	800-0002	2	Screw, Cap - Hex Head (1/4-20 x .38)	23	821-0033	2	Screw, Lock Head (7/16-14x 3/4")
9	526-0130	2	Washer, Flat (1/4" Screw)	24	870-0437	2	Nut, Lock (7/16-14)
10	850-0040	2	Washer, Lock (1/4)	25	870-0257	2	Nut, Lock (5/16-18)
11	403-2557-03	1	Pan, Drip	26	526-0122	6	Washer, Flat (5/16" Screw)
12	406-0566	2	Pin, Hinge	27	526-0174	4	Washer, Flat (3/8" Screw)
13	406-0567	2	Plate, Hinge	28	526-0382	6	Washer, Flat (1/4" Screw)
14	406-0568	2	Support, Hinge	29	98-6402-01	1	Decal, Warning
15	800-0005	6	Screw, Hex Head - Cap (1/4-20 x 3/4)				

Remote Start Control Components

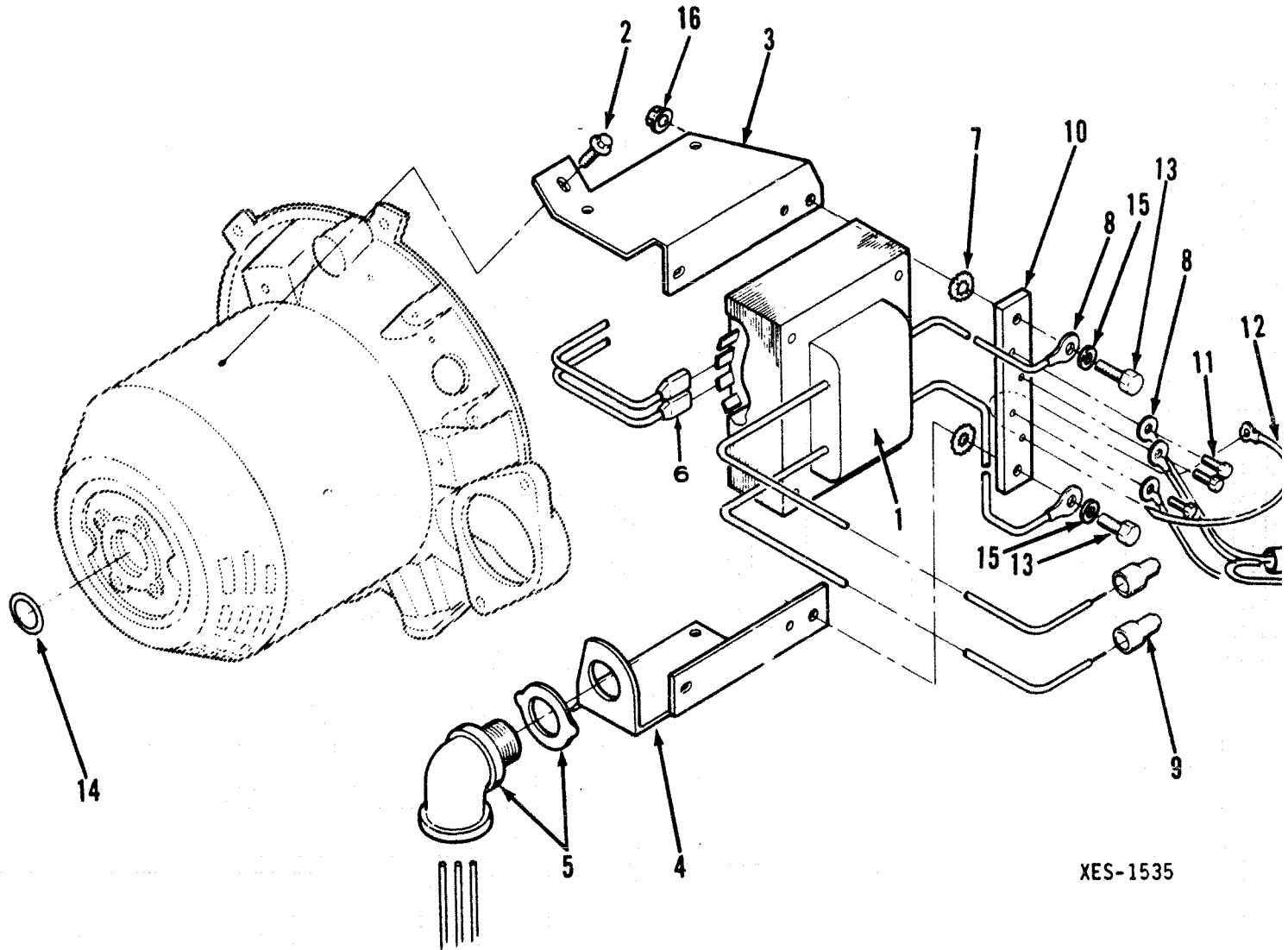


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
A	300-2313	1	Control Kit - Standard Remote Starting (Includes Parts Marked *)
B	300-2314	1	Control Kit - Deluxe Remote Starting (Includes Parts Marked +)
1	815-0385	2	+Screw, Machine - Round Head (#6-32x1/2")
2	860-0005	2	+Nut, Hex Head (#6-32)
3	301-3566	1	*Panel, Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	308-0341	1	*+Switch, Rocker
5	301-3606	1	+Panel, Control
6	302-0885	1	+Meter, Time Totalizing
7	302-0888	1	+Meter, Battery Condition
8	359-0034	1	+Lead with Diode

* - Parts Included In 300-0985 Control.
+ - Parts Included In 300-0986 Deluxe Control.

Transformer Regulator

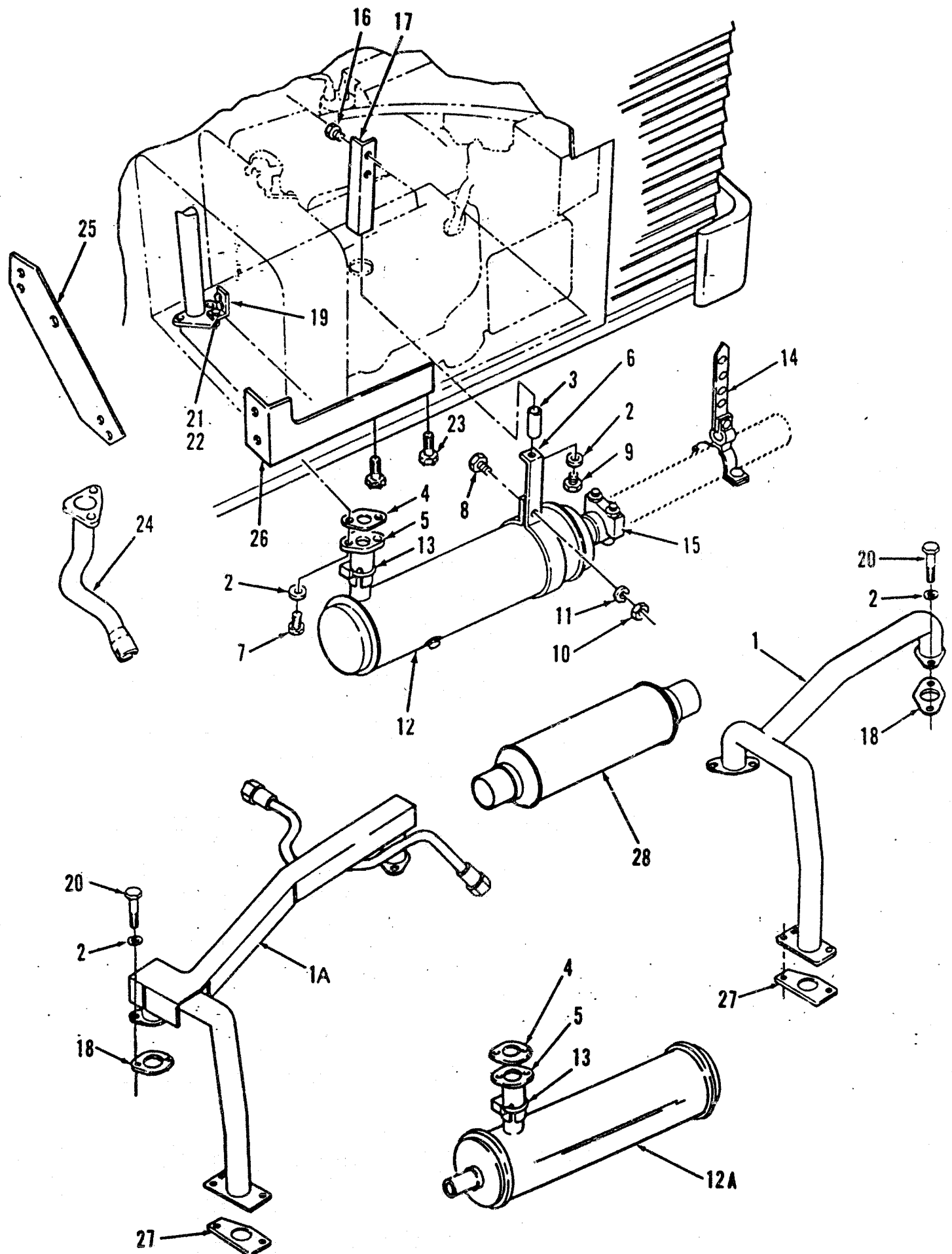


XES-1535

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	315-0604	1	Transformer-Regulator (Includes Parts Marked *)	8	332-0046	2	Terminal, Ring (.312)
2	815-0290	2	Screw, Hex Washer Head - (1/4-20 x 5/8")	9	332-2699	3	Splice, Closed End
3	NFS	1	*Mounting Bracket, Transformer - Regulator (Upper)	10	337-2229	1	Bar, Bus (4-1/4" Long)
4	NFS	1	*Mounting Bracket, Transformer - Regulator (Lower)	11	815-0194	3	Screw, Cap - Hex Head/WET (10-32 x 3/8")
5	331-0009	1	Connector (3/4" x 90")	12	332-0941	2	Tie, Cable
6	332-1993	2	Terminal, Receptacle (.250)	13	815-0610	2	Screw, Cap - Hex Head (1/4-20 x 1")
7	856-0008	2	Washer, Lock - EIT (5/16")	14	509-0196	1	O-Ring, Stator Housing
				15	526-0018	2	Washer, Flat (1/4" Screw)
				16	870-0433-03	2	Nut, Push-on (1/4-20)

* - Parts Included in Transformer-Regulator.

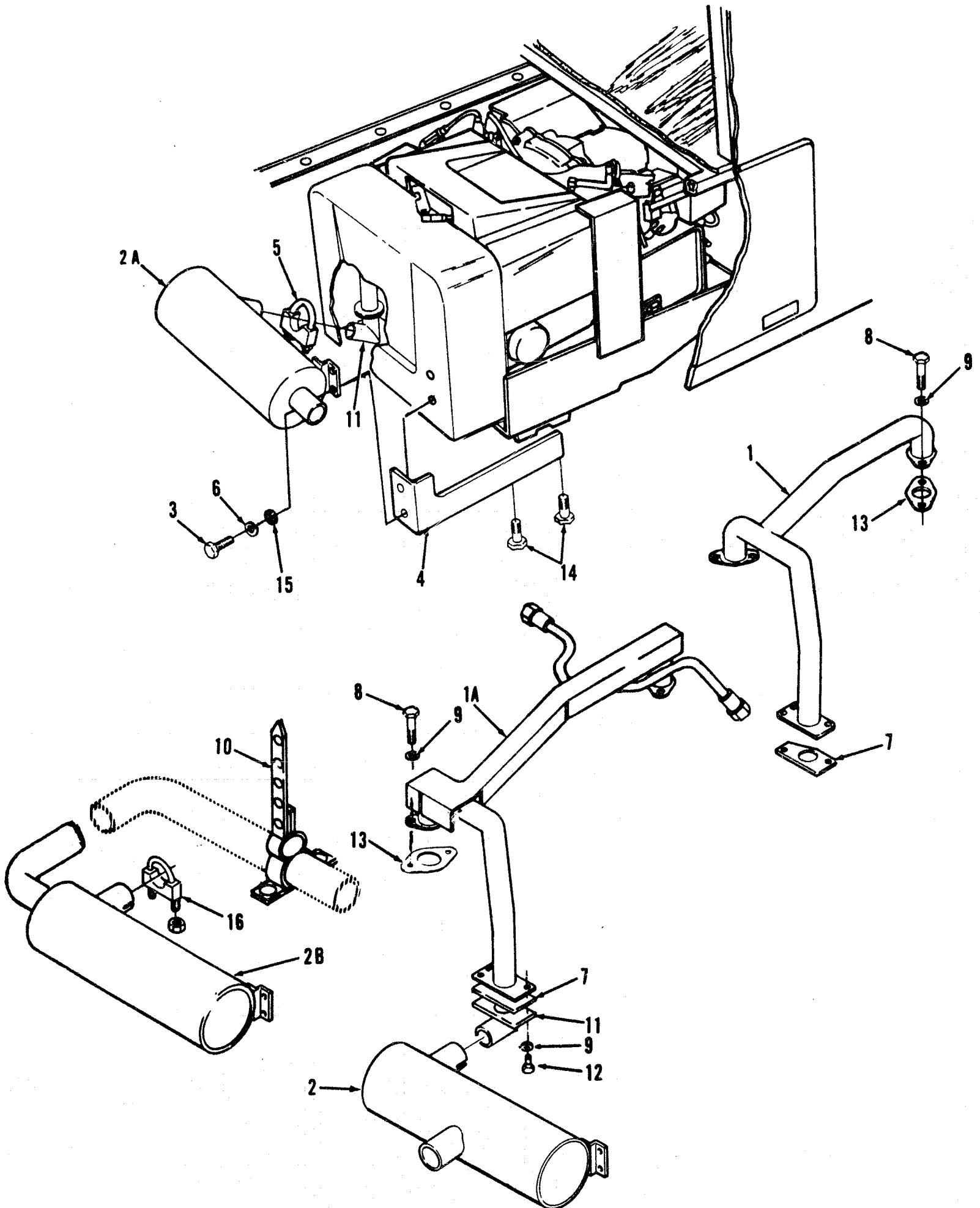
Exhaust System - Above Floor Models



Exhaust System - Above Floor Models

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2541	1	Manifold, Exhaust - NHE	12A	155-1485	1	Muffler, Spark Arrestor
1A	154-2638	1	Manifold, Exhaust - Front Outlet (Includes Fuel Line and Heat Shield) NHEL	13	155-1239	1	Same End Inlet, Outlet Clamp, Muffler
2	850-0045	7	Washer, Lock (5/16")	14	155-2174	1	Hanger, Exhaust
3	370-4027	1	Spacer, Muffler - 2" Long (Used Only On RV's With 6-1/4" Long Exhaust Adapter)	15	155-1015	1	Clamp, Muffler
4	154-2061	1	Gasket, Exhaust - Use With Flange Type Exhaust Adapters	16	815-0261	2	Screw, Hex Washer Head - (1/4-20x1/2")
5			Adapter, Exhaust (Flange Type)	17	155-2084	1	Bracket, Muffler
	154-2469	1	2.44" Long - Spec A	18	154-1482	2	Gasket, Exhaust Manifold
	154-2683	1	6.25" Long	19	154-2538	1	Bracket, Exhaust Flange
	154-2540	1	4.25" Long	20			Screw (5/16-18x1")
	154-2718	1	8" Long - Begin Spec C		800-0512	4	Hex Head Cap-NHEL
6	155-2025	1	Strap, Muffler (5.77" Long)		802-0055	4	Allen Head-NHE
7	800-0730	2	Screw, Cap - Hex Head (5/16-18x1")	21	800-0005	1	Screw, Cap - Hex Head (1/4-20x3/4")
8	800-0007	1	Screw, Cap - Hex Head (1/4-20x1")	22	526-0018	1	Washer, Flat (1/4" Screw)
9			Screw, Cap - Hex Head	23	821-0029	2	Screw, Hex Washer Head Self-Lock (3/8-16x3/4")
	800-0026	1	Use With-Out Spacer (5/16-18x3/4")	24	154-2662	1	Tube, Exhaust - 11" Long (Use With 154-2663 Bracket)
	800-0036	1	Use With Spacer (5/16-18x2-3/4")	25	154-2663	1	Bracket, Exhaust (Use With 154-2662 Tube)
10	862-0001	1	Nut, Hex (1/4-20)	26	155-2049	1	Bracket, Exhaust
11	850-0040	1	Washer, Lock (1/4")	27	154-2542	1	Gasket, Exhaust - Use With 154-2662 Exhaust Tube, 154-2541, 154-2638 Exhaust Manifolds
12	155-1258	1	Muffler, Spark Arrestor End Outlet, Side Inlet	28	155-2449	1	Resonator, Exhaust - Gasoline Only

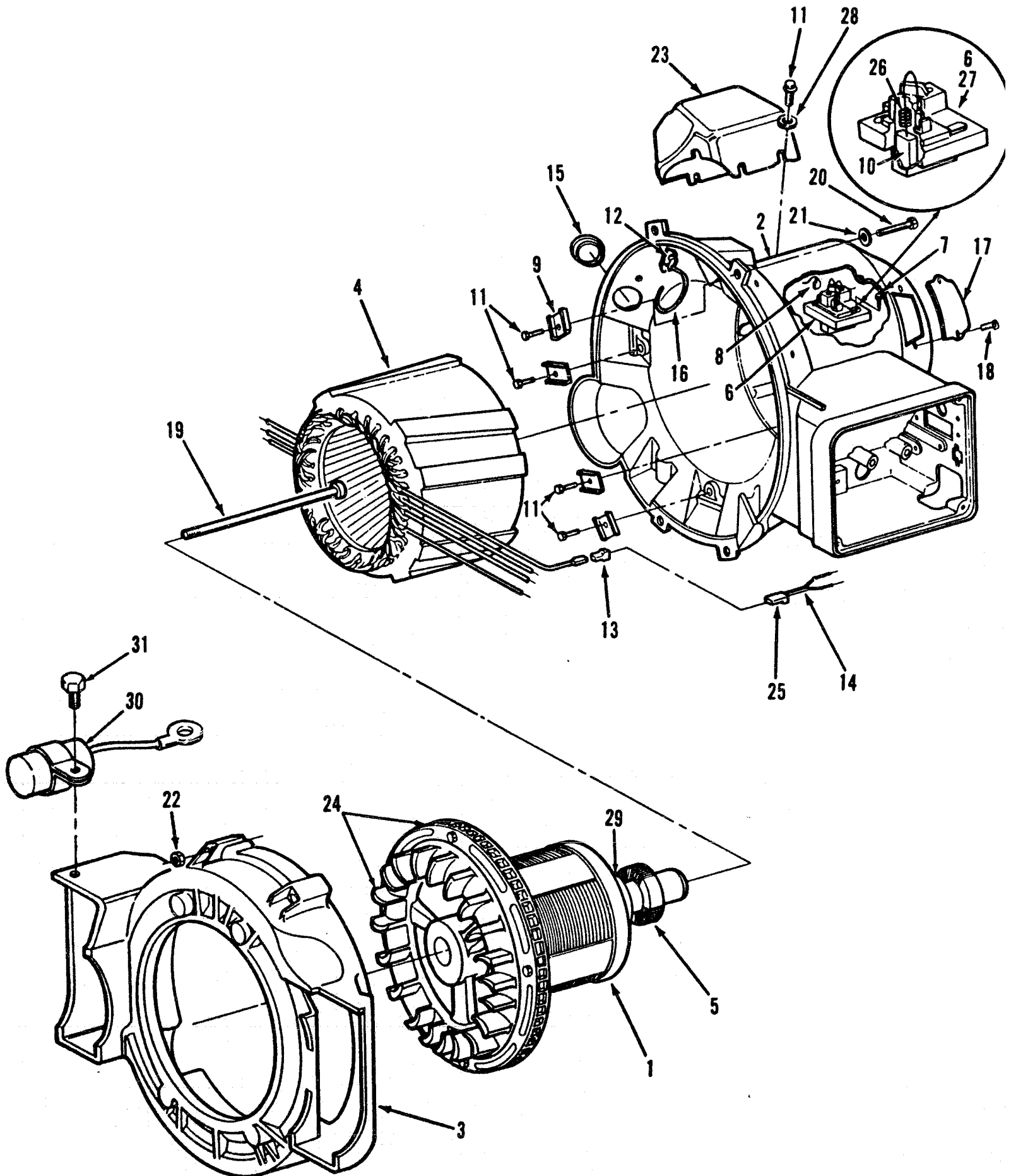
Exhaust System - Below Floor Models



Exhaust System - Below Floor Models

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2541	1	Manifold, Exhaust (NHE)	8			Screw,
1A	154-2638	1	Manifold, Exhaust - Front Outlet (Includes Fuel Line and Heat Shield) NHEL		800-0512	4	Cap - Hex Head (5/16-19x1" NHEL
2	155-2086	1	Muffler, Spark Arrestor Side Inlet, Outlet		802-0055	4	Allen Head (5/16-18x1") NHE
2A	155-2085	1	Muffler, Spark Arrestor Side Inlet, End Outlet	9	850-0045	6	Washer, Lock - Exhaust Manifold (5/16")
2B	155-2164	1	Muffler, Spark Arrestor - Same End Inlet, Outlet	10	155-2174	1	Hanger, Exhaust Pipe
3	800-0004	2	Screw, Cap - Hex Head (1/4-20x5/8")	11	154-2539	1	Adapter, Exhaust - Flange Ty
4	155-2049	1	Bracket, Exhaust (9.19" Long)	12	800-0730	2	Screw, Cap - Hex Head - Use With Exhaust Adapter 154-25
5			Clamp, Muffler	13	154-1482	2	Gasket, Exhaust - Manifold
	155-1255	1	For 1-1/8" Diameter Tubing	14	821-0029	2	Screw, Hex Washer Head - Self-Lock (3/8-16x3/4")
	155-1256	1	For 1-1/4" Diameter Tubing	15	526-0130	2	Washer, Flat (1/4" Screw)
6	850-0040	2	Washer, Lock (1/4")	16	155-1015	1	Clamp, Muffler (1-1/2")
7	154-2542	1	Gasket, Exhaust - Use With Adapter 154-2539 and Manifolds 154-2541 and 154-2638				

Generator



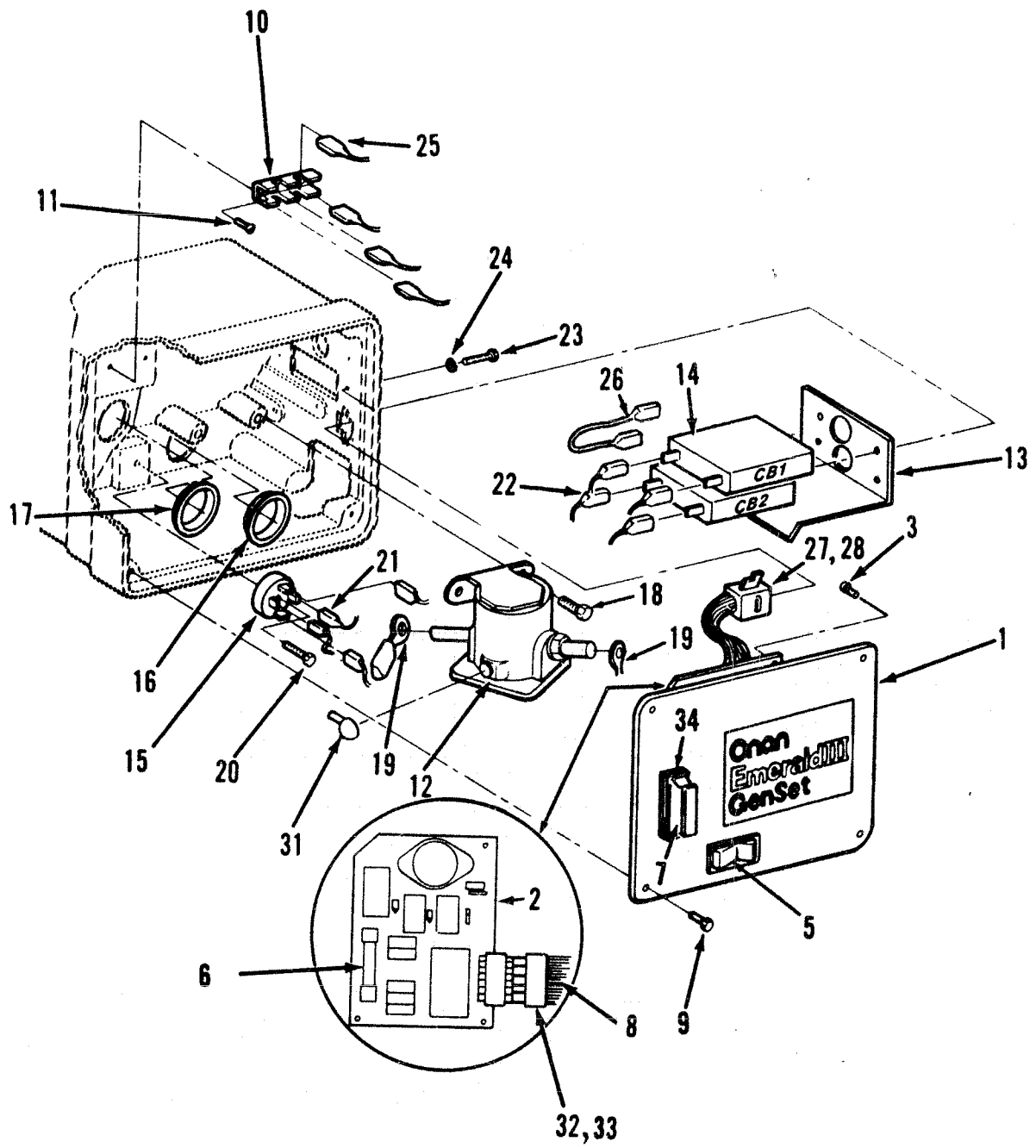
Generator

5610-0008
5610-0016

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	201-3249	1	Armature, Wound (Includes Fan, Ring Gear, Ball Bearing And Collector Ring)	15	508-0253	1	Bushing (1.0 ID x 1.469" OD)
2	220-3977	1	Housing, Stator	16	332-0941	5	Tie, Cable
3	231-0280	1	Adapter, Generator	17	212-1274	1	Cover, Brush Block
4	220-3884	1	Stator, Wound	18	815-0181	2	Screw, Hex Head - WET (10-32x1/2")
5	510-0099	1	Bearing, Ball	19	802-1039	1	Screw, Socket - Armature Through (7/16 - 14 x 11.84")
6	212-1278	1	Block, Generator Brush (Includes Parts Marked *)	20	800-0052	4	Screw, Cap - Hex Head (3/8-16x1-1/2")
7	815-0359	2	Screw, Hex Head - Thread Form (10-32x7/8")	21	850-0050	4	Washer, Lock (3/8")
8	226-2929	1	Lead (Includes Terminals)	22	862-0003	4	Nut, Hex (3/8-16)
9	232-3156	4	Clamp, Stator	23	315-0591	1	Cover, Transformer
10	214-0103	2	*Brush, Generator	24	205-0165	1	Fan And Gear, Armature
11			Screw, Cap - Hex Washer Head	25	332-0819	1	Connector, Receptacle - NHE
	815-0436	4	(1/4-20x1/2") - NHE	26	212-1276-03	2	*Spring, Generator Brush
	815-0293	4	(1/4-20x3/4") - NHEL	27	212-1277	1	*Block, With Terminal
12	332-2696	4	Clamp, Tie Wrap	28	526-0018	4	Washer, Flat (1/4" Screw)
13	323-1298	1	Connector, Tab	29	204-0134	1	Ring, Collector - Armature
14			Lead	30	312-0256	1	Condenser, Ignition - Remote - Use Begin 9/87
	226-2809	1	Includes Receptacle Connector - NHE	31	815-0340	1	Screw, Hex Washer Head - Thread Form (10-32 x 3/8") - Use Begin 9/87
	226-2990	1	NHEL				

* - Parts Included In 212-1278 Generator Brush Block

Control

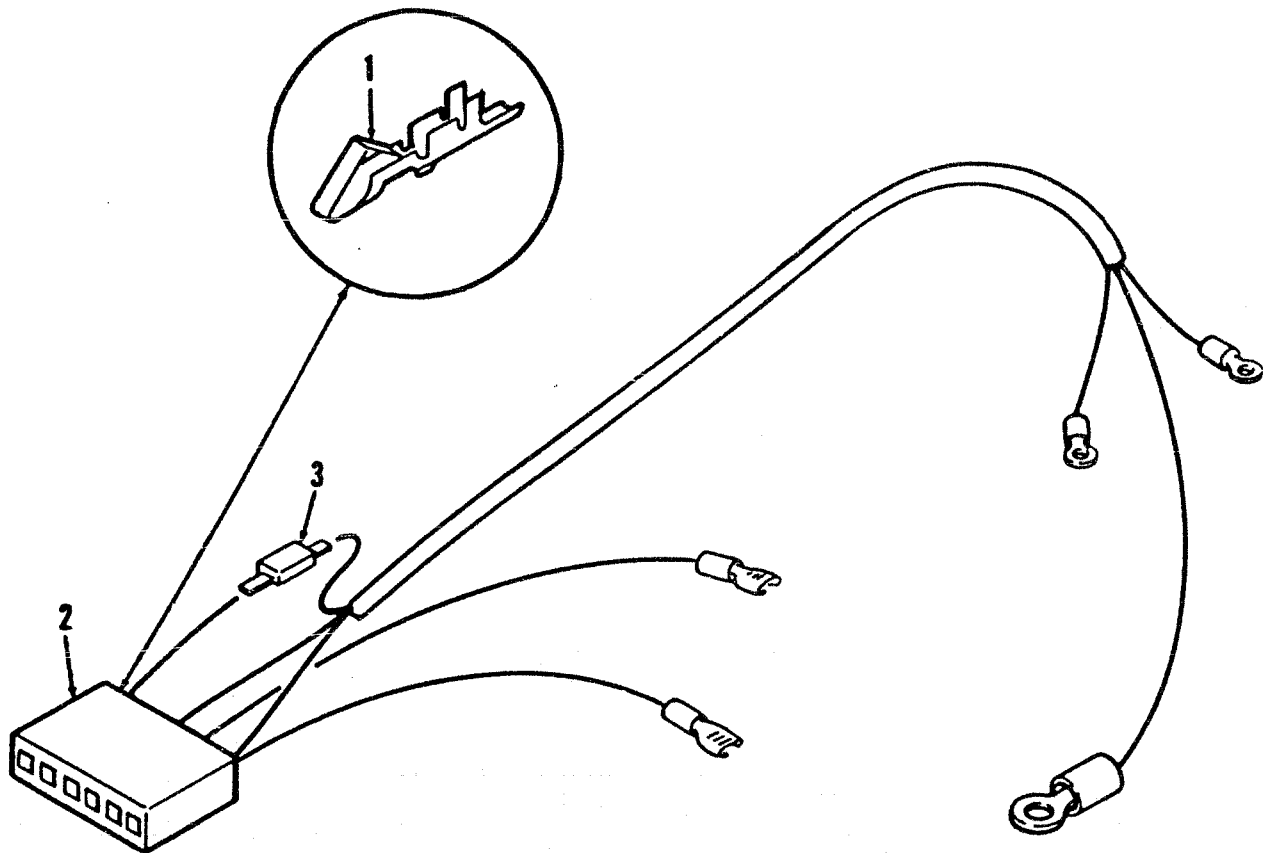


Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-8619	1	Cover, Control	15	305-0713	1	Rectifier, Bridge
2			Board Assembly, Printed Circuit	16	508-0253	2	Bushing (1.0 ID x 1.469" OD)
	300-2784-01	1	Gasoline LP	17	508-0251	1	Bushing (.750 ID x 1.125" OD)
	300-2943-01	1	LP	18	815-0370	2	Screw, Hex Head (1/4-20x1/2")
3	815-0550	4	Screw, Pan Head (6-32x3/8")	19	332-2697	2	Ring, Terminal (.31)
	357-0030	1	Rectifier, Silicon (Not Shown) - NHEL	20	815-0359	1	Screw, Hex Head - Thread Form (10-32x7/8")
5	308-0852	1	Switch, Rocker	21	332-1993	2	Receptacle, Blue (.250)
6	321-0298	1	Fuse, 5 Amps - Slo Blow	22	332-0684	2	Receptacle, Black (.250)
7	321-0295	1	Holder, Fuse (Holds Spare Fuse)	23	812-0061	2	Screw, Round Head (6-32 x 3/8")
8			Harness, Wiring (Includes 8-Pin Housing)	24	850-0020	4	Washer, Lock (#6)
	338-1775	1	NHE - Spec A	25	332-0529	1	Receptacle (.250)
	338-1931	1	NHE - Begin Spec C	26	226-3478	1	Lead, Jumper
	338-1932	1	NHEL	27	323-0440	1	Housing, Socket (Less Pins)
9	815-0194	4	Screw, Hex Head W/ET - Thread -Cutting (10-32x3/8")	28	323-1195	4	Terminal, Pin - Female
10	332-1815	1	Tab, Terminal	29	98-5294	1	Decal (Emerald III)
11	815-0388	2	Screw, Pan Head (6-32x1/2")	31	332-2112	1	Insulator, Terminal - Start Solenoid
12	307-2344	1	Solenoid, Start (Includes Nuts And Washers)	32	323-1312	1	Housing, Socket (Less Pins)
13	320-1365	1	Guard, Circuit Breaker	33	323-1302	8	Pin, Contact
14			Breaker, Circuit	34	321-0287	1	Insulator, Fuse
	320-1323	1	30 Ampere - CB1 - Begin Spec C				
	320-1321	1	20 Ampere - CB2 Gasoline				
	320-1572	1	30 Ampere - CB1 - Spec A				

Wiring Harness

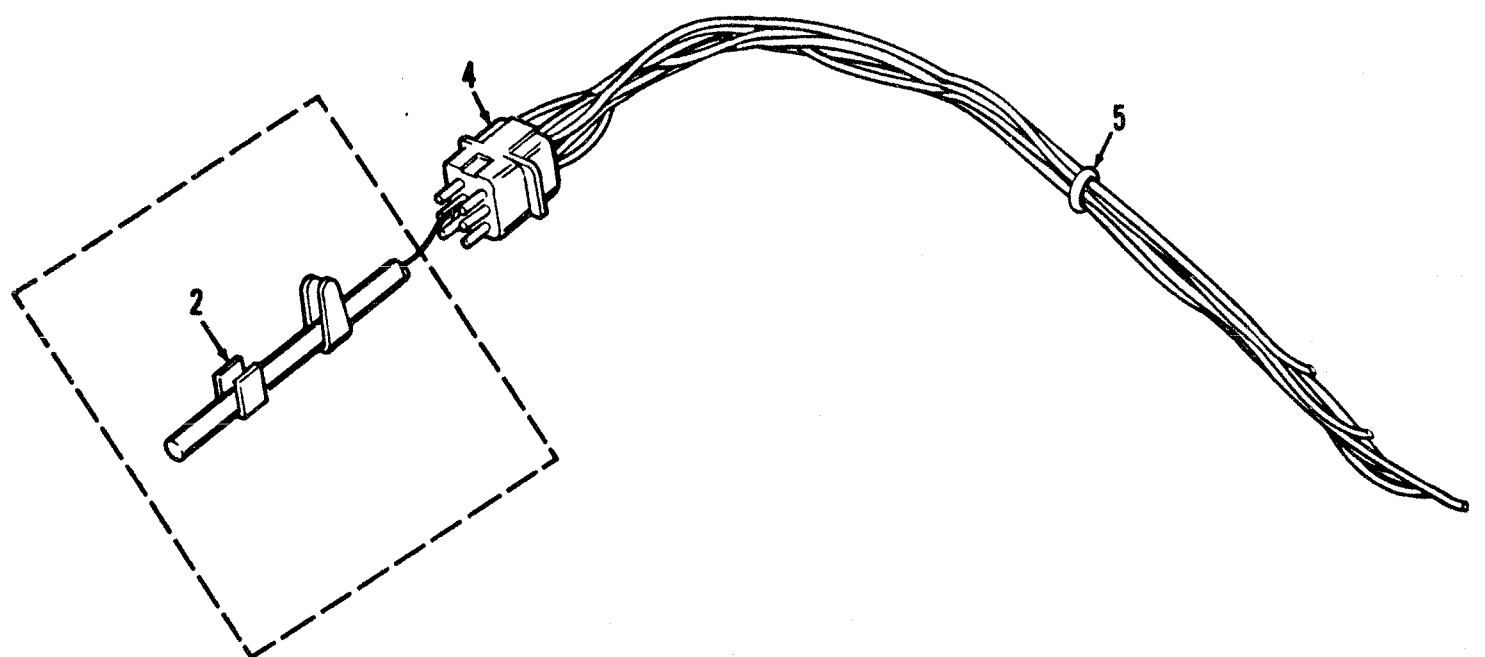
5610-0020



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-2041	1	Harness, Wiring	2	323-1329	1	Housing (Less Pins)
			6 Pin Housing - 5 Wire -		323-1312	1	6 Pin
			Spec A	3	357-0067	1	8 Pin
	338-2040	1	8 Pin Housing - 5 Wire			1	Rectifier - NHEL
	338-2086	1	NHEL				
1			Terminal, Pin - Contact				
	323-1302	6	Use With 6 Pin Housing				
	323-1302	8	Use With 8 Pin Housing				

Wiring Harness REMOTE

542-0469
542-0471
542-0472



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-1082	1	Harness, Wiring - Remote Without Socket - 6" Long 5 Pin

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	323-0500	5	Terminal, Pin - Male
4	323-0400	1	Housing, Connector (Less Pins)
5	332-1445	1	Tie, Cable

Labels, Paint And Thread Sealant

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
98-5313		1	Label, Warning	98-5777-01		1	Label, Warning (Improper Operation)
98-5335		1	Label, Preheat(Gasoline)	98-5142		1	Label, Warning (Fire Hazard)
98-5294		1	Decal (Emerald III)	518-0452		1	Sealant, Thread (50cc. Bottle)
98-5347		1	Label, Danger (High Voltage)	525-0305		1	Paint, Enamel Touch-Up Green(Non-Metallic) 13oz. Pressurized Can
98-5755		1	Label, Warning (Hazardous Voltage)				

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